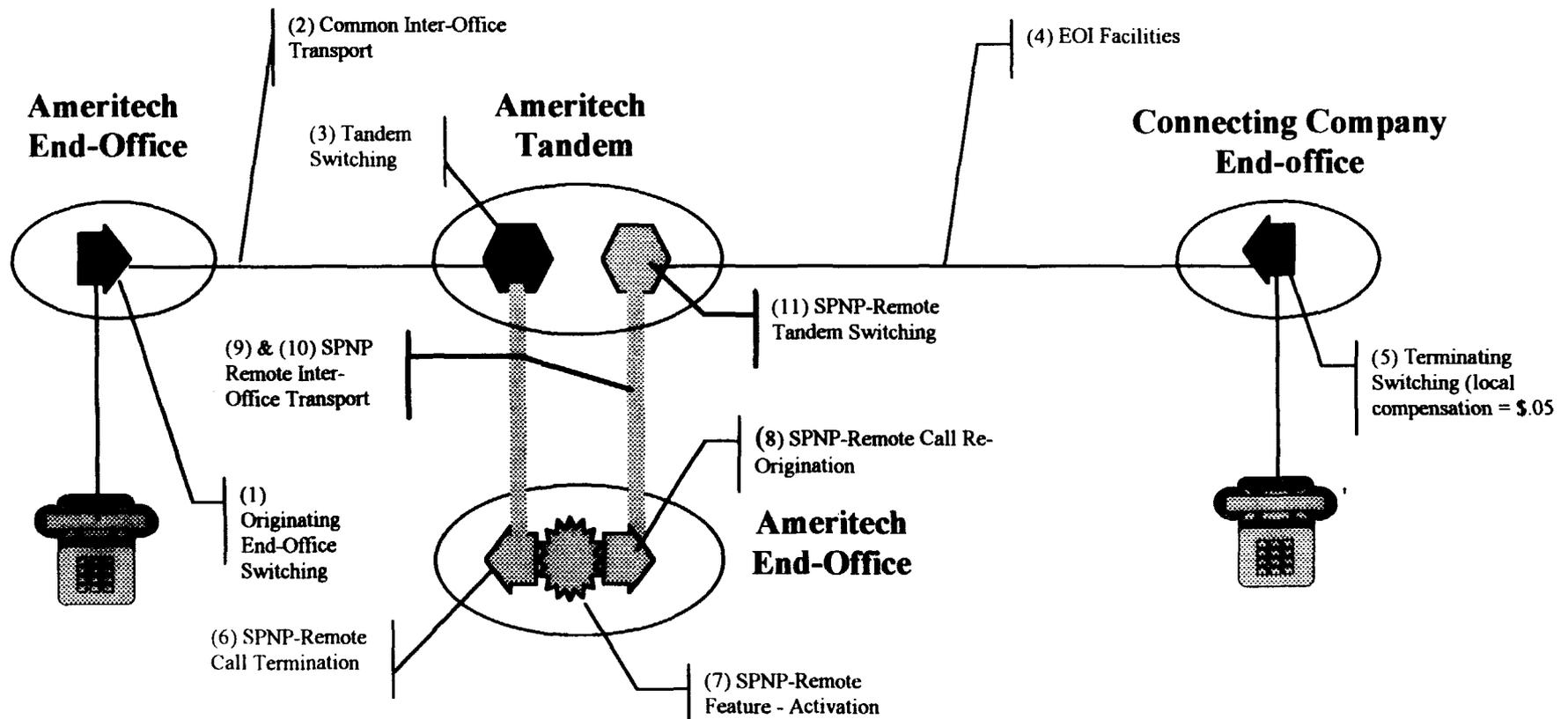


Service Provider Number Portability - Remote Identification of Incremental Service Components

Inter-Office Call

Call routing and completion of an Ameritech originated inter-office call to a CLEC customer via SPNP-Remote.



225 West Randolph Street
27C
Chicago, IL 60606
Office 312.727-7140
Fax 312.727-8871

Ameritech

Mark A. Kerber
Counsel

February 16, 1996

(Via Federal Express)

Ms. Donna Caton
Chief Clerk
Illinois Commerce Commission
527 East Capitol Avenue
P.O. Box 19280
Springfield, Illinois 62794

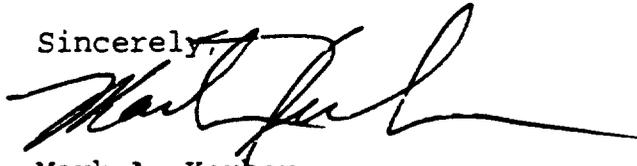
Re: Joint Petition for Approval of Stipulation and
Agreement Relating to the Implementation of Local
Number Portability.

Dear Ms. Caton:

Enclosed please find an original and three copies each
of the Joint Petition, Draft Order and Direct Testimony of
Terry D. Appenzeller.

Also enclosed is an additional copy of each document to
be file stamped and returned to the undersigned in the
enclosed postage-paid envelope.

Sincerely,



Mark A. Kerber

MAK:sb
Enclosures



CERTIFICATE OF SERVICE

The undersigned certifies that a copy of the foregoing Joint Petition, Draft Order and Direct Testimony of Terry D. Appenzeller was served on the Staff of the Illinois Commerce Commission by Federal Express this 16th day of February, 1996.



Mark A. Kerber

STATE OF ILLINOIS

ILLINOIS COMMERCE COMMISSION

Illinois Bell Telephone Company; GTE)
North, Incorporated; GTE South,)
Incorporated; Central Telephone Company)
of Illinois; AT&T Communications of)
Illinois, Inc.; MCI Telecommunications)
Corporation; MCImetro Transmission)
Services, Inc.; Sprint Communications)
Company L.P.; MFS Intelenet of Illinois,)
Inc.; and Teleport Communications Group,)
Inc.)
)
Joint Petition for Approval of Stipulation)
and Agreement Relating to the)
Implementation of Local Number)
Portability.)

Docket No. _____

JOINT PETITION

Illinois Bell Telephone Company; GTE North, Incorporated; GTE South, Incorporated; Central Telephone Company of Illinois; AT&T Communications of Illinois, Inc.; MCI Telecommunications Corporation; MCImetro Transmission Services, Inc.; Sprint Communications Company L.P.; MFS Intelenet of Illinois, Inc.; and Teleport Communications Group, Inc. on behalf of its affiliates, TC Systems Illinois, TCG Illinois and TCG Chicago (collectively, the "Petitioners") hereby jointly petition the Illinois Commerce Commission ("the Commission") to enter an Order approving the Stipulation and Agreement (the "Stipulation") which is attached as Joint Exhibit 1.1 and is incorporated in this Petition. Also attached is the testimony of Terry D. Appenzeller, on behalf of the Joint Petitioners, describing the terms and conditions of the Stipulation. In support of this Petition, the Petitioners state as follows:

1. This Petition and the Stipulation arise from the Commission's Order in Dockets 94-0096 et. al.. In that Order, the Commission recognized "that number portability is an increasingly critical issue for the continued development of competition in local exchange markets." Order, Ill. C.C. Dkts. 94-0096 et. al. (cons.), 109-10 (April 7, 1995). Therefore, the Commission decided "to create an industry task force to develop a permanent number portability solution for Illinois." Id. at 110.

2. Pursuant to the Commission's Order, a number portability task force was formed in April 1995. Workshops began on April 21, 1995, with participation by the Commission's Staff ("Staff"), local exchange carriers, interexchange carriers, cellular carriers, competitive access providers, switch vendors and out-of-state representatives from other commissions and local exchange companies. The workshops resulted in five significant accomplishments underlying the Stipulation. These accomplishments will provide a foundation for the implementation of local number portability in Market Service Area 1 ("MSA-1") in Illinois. The accomplishments of the task force are:

- (a) selection of AT&T's Location Routing Number (LRN) as the number portability architecture for participating networks in MSA-1,
- (b) development of public policy guidelines and internal technical criteria for selecting the call model architecture and use in planning and implementing number portability,
- (c) development of a generic requirements document for vendors to use as the basis for designing their number portability software and equipment for participating networks,

- (d) switch vendor commitments for delivery of software and equipment by second quarter of 1997, and
- (e) development of a Number Portability Administration Center ("NPAC") Request For Proposal ("RFP") for selecting a neutral third party to administer a number portability database, procedures for operation, and a target for initial turn-up of December 1, 1996.

These accomplishments are explained in more detail in Mr. Appenzeller's testimony.

3. The Stipulation was prepared by the task force at a workshop on December 20, 1995. Final modifications were made in a meeting of the signatories on January 9, 1996. The Stipulation has three basic purposes: first, to communicate to the Commission and the industry the agreement reached by the signatories, second, to indicate to switch vendors the signatories' intent that participating carriers use the LRN architecture in MSA-1, and third, to provide the basis for a Commission order adopting the Stipulation as the means of implementing local number portability for MSA-1. The terms of the Stipulation are set forth in the Stipulation itself and are described in Mr. Appenzeller's testimony.

4. The Stipulation represents a unitary, composite agreement. It should not be modified or adopted in part. As specifically stated in Paragraph 12 of the Stipulation, if the Stipulation is not adopted in its entirety, it will be null and void, and no party will be bound by it.

THEREFORE, the Petitioners request that the Commission approve the attached Stipulation in its entirety and issue an order adopting the terms of the Stipulation, ruling that those terms are consistent with the Commission's Order in Dockets 94-0096 et. al., and recognizing the progress of the task force in meeting the requirements of that Order.

Respectfully submitted,

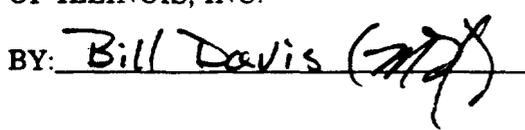
ILLINOIS BELL TELEPHONE
COMPANY

BY: 

GTE SOUTH INCORPORATED

BY: 

AT&T COMMUNICATIONS
OF ILLINOIS, INC.

BY: 

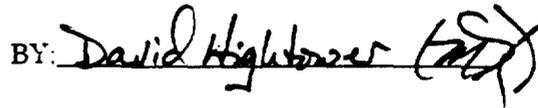
SPRINT COMMUNICATIONS
COMPANY L.P.

BY: _____

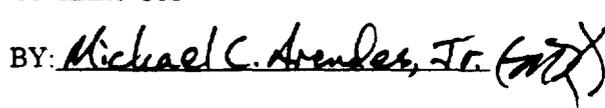
MFS INTELENET OF ILLINOIS, INC.

BY: _____

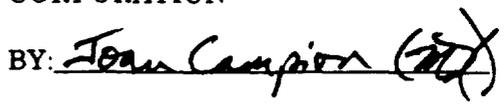
GTE NORTH INCORPORATED

BY: 

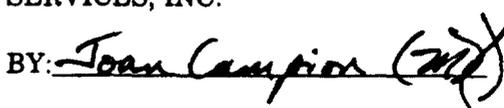
CENTRAL TELEPHONE COMPANY
OF ILLINOIS

BY: 

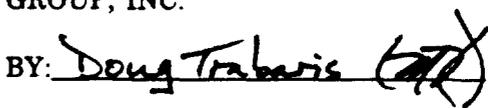
MCI TELECOMMUNICATIONS
CORPORATION

BY: 

MCIMETRO TRANSMISSION
SERVICES, INC.

BY: 

TELEPORT COMMUNICATIONS
GROUP, INC.

BY: 

STATE OF ILLINOIS)
) SS
COUNTY OF COOK)

VERIFICATION

I, Mark A. Kerber, an attorney, state that I am Counsel-Regulatory for Illinois Bell Telephone Company, that I have read the above and foregoing Joint Petition, Draft Order and Direct Testimony of Terry D. Appenzeller and knows the contents thereof, and that the same are true to the best of my knowledge, information and belief.



Mark A. Kerber

Subscribed and sworn to
before me this 16th day
of February, 1996. ~



Notary Public



STATE OF ILLINOIS

ILLINOIS COMMERCE COMMISSION

Petition of Illinois Bell Telephone :
Company; GTE North Incorporated; :
GTE South Incorporated; Central :
Telephone Company of Illinois; :
AT&T Communications of Illinois, :
Inc.; MCI Telecommunications :
Corp; MCIMetro Transmission :
Services, Inc.; MFS Intelenet :
of Illinois, Inc.; Teleport :
Communications Group, Inc. and :
Southwestern Bell Mobile Systems, :
Inc. d/b/a Cellular One -- Chicago; :
Sprint communications L. P. :
Approval of a Stipulation and :
Agreement to Implement Local :
Number Portability in Market :
Service Area 1. :

STIPULATION AND AGREEMENT

The Parties hereto, and anyone that subsequently expresses concurrence on the record, recommend and request that the following findings and conclusions be adopted by the Illinois Commerce Commission to assist in implementing local number portability ("LNP") in Market Service Area 1 ("MSA-1").

1. The Commission in its Order in Dockets 94-0096, 94-0117, 94-0146 and 94-0301 (Consolidated) adopted "Staff's proposal

to create an industry task force to develop a permanent number portability solution for Illinois." Order at 110.

2. The Parties hereto have participated in extensive workshops held by the industry task force to develop a permanent number portability solution.

3. Ameritech Illinois; AT&T Communications of Illinois, Inc.; Central Telephone Company of Illinois ("Centel"); MCIMetro Transmission Services, Inc.; MCI Telecommunications Corp.; MFS Intelenet of Illinois, Inc.; Sprint Communications Company L.P.; and Teleport Communications Group, Inc. on behalf of its affiliates, TC Systems-Illinois, Inc., TCG Chicago, and TCG Illinois (the "Designated Parties") enter this Stipulation and Agreement for the purpose of implementing LNP in the areas where they provide telecommunications service in MSA-1.

4. The Parties agree that, initially, only wireline service provider portability will be provided. Initially, it will be provided only in the geographic area comprising the territories served by Ameritech-Illinois and Centel in MSA-1.

5. The Parties agree that, initially, wireline customer prefixes or wireline NXXs should continue to be associated with

existing rate centers of the incumbent local exchange providers ("LECs").

6. The Designated Parties agree that the Location Routing Number ("LRN") call model should be adopted as the long-term call processing model for implementation of LNP in their serving areas in MSA-1. The Parties have participated in the drafting of the switch development requirements attached hereto as Exhibit A, entitled Generic Switching and Signaling Requirements for Number Portability (FSD 30-12-0001, Issue 1). The Designated Parties agree to install in their respective switches in MSA-1 the software developed in accordance with Exhibit A. and any amendments as mutually agreed to by the Parties.

7. The Parties entered into this Stipulation and Agreement based on their expectations that LNP based on LRN will be generally available for implementation by the second quarter of 1997. The Designated Parties agree to begin implementing LNP based on LRN when software is available which meets, in all material respects, the requirements of Exhibit A.

8. Nothing in this Stipulation and Agreement prohibits a party from petitioning the Illinois Commerce Commission for an

alternative LNP solution if, subsequent to the signing of this Stipulation and Agreement, it appears that LNP based on LRN that meets the requirements of Exhibit A will not be generally available by the second quarter of 1997 or cannot be readily implemented soon thereafter.

9. The Parties agree to permit other telecommunications carriers to voluntarily provide LNP based on LRN in MSA-1 consistent with provisions of this Stipulation and Agreement.

10. The parties agree that this Stipulation and Agreement shall remain in full force and effect until superseded by a Commission rule or order.

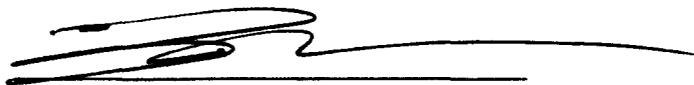
11. The Parties agree to address cost recovery issues in a separate Commission proceeding.

12. The terms of this Stipulation and Agreement have resulted from extensive discussions among the Parties. It is not intended to represent the position of any Party or the affiliate of any Party on any individual issue, but rather it should be interpreted as a composite position of the Parties. This Stipulation and Agreement is presented to the Illinois Commerce Commission for adoption in its entirety. If not adopted in its

entirety, this Stipulation and Agreement shall be void, and no party shall be bound by any of the agreements or provisions hereof.

13. Nothing in this Stipulation and Agreement restricts a Party from petitioning the Commission for a waiver of the terms and conditions of this Stipulation and Agreement.

ILLINOIS BELL TELEPHONE COMPANY

By: 

Its: VICE PRESIDENT - OPEN MARKET STRATEGY

GTE NORTH INCORPORATED

By: _____

Its: _____

GTE SOUTH INCORPORATED

By: _____

Its: _____

CENTRAL TELEPHONE COMPANY OF ILLINOIS

By: _____

Its: _____

entirety, this Stipulation and Agreement shall be void, and no party shall be bound by any of the agreements or provisions herēof.

13. Nothing in this Stipulation and Agreement restricts a Party from petitioning the Commission for a waiver of the terms and conditions of this Stipulation and Agreement.

ILLINOIS BELL TELEPHONE COMPANY

By: _____

Its: _____

GTE NORTH INCORPORATED

By: David E. Heylman

Its: Attorney

GTE SOUTH INCORPORATED

By: David E. Heylman

Its: Attorney

CENTRAL TELEPHONE COMPANY OF ILLINOIS

By: _____

Its: _____

entirety, this Stipulation and Agreement shall be void, and no party shall be bound by any of the agreements or provisions hereof.

13. Nothing in this Stipulation and Agreement restricts a Party from petitioning the Commission for a waiver of the terms and conditions of this Stipulation and Agreement.

ILLINOIS BELL TELEPHONE COMPANY

By: _____

Its: _____

GTE NORTH INCORPORATED

By: _____

Its: _____

GTE SOUTH INCORPORATED

By: _____

Its: _____

CENTRAL TELEPHONE COMPANY OF ILLINOIS

By: MCW

Its: Attorney

AT&T COMMUNICATIONS OF ILLINOIS, INC.

By: William A. Jantz

Its: Attorney

MCI TELECOMMUNICATIONS CORPORATION

By: _____

Its: _____

SPRINT COMMUNICATIONS COMPANY L.P.

By: _____

Its: _____

MCIMETRO TRANSMISSION SERVICES, INC.

By: _____

Its: _____

MFS INTELENET OF ILLINOIS, INC.

By: _____

Its: _____

AT&T COMMUNICATIONS OF ILLINOIS, INC.

By: _____

Its: _____

MCI TELECOMMUNICATIONS CORPORATION

By: Jean Champion

Its: Senior Counsel

SPRINT COMMUNICATIONS COMPANY L.P.

By: _____

Its: _____

MCIMETRO TRANSMISSION SERVICES, INC.

By: Jean Champion

Its: Senior Counsel

MFS INTELENET OF ILLINOIS, INC.

By: _____

Its: _____

AT&T COMMUNICATIONS OF ILLINOIS, INC.

By: _____

Its: _____

MCI TELECOMMUNICATIONS CORPORATION

By: _____

Its: _____

SPRINT COMMUNICATIONS COMPANY L.P.

By: Paul E. Small

Its: Attorney

MCIMETRO TRANSMISSION SERVICES, INC.

By: _____

Its: _____

MFS INTELENET OF ILLINOIS, INC.

By: _____

Its: _____

TELEPORT COMMUNICATIONS GROUP, INC.

By: _____

Its: _____

SOUTHWESTERN BELL MOBILE SYSTEMS, INC.
d/b/a CELLULAR ONE -- CHICAGO

By: _____

Its: _____

AT&T COMMUNICATIONS OF ILLINOIS, INC.

By: _____

Its: _____

MCI TELECOMMUNICATIONS CORPORATION

By: _____

Its: _____

SPRINT COMMUNICATIONS COMPANY L.P.

By: _____

Its: _____

MCIMETRO TRANSMISSION SERVICES, INC.

By: _____

Its: _____

MFS INTELENET OF ILLINOIS, INC.

By: Pamela Kenworthy

Its: _____

TELEPORT COMMUNICATIONS GROUP, INC.

By: *JM Lee*
J MANNING LEE
Its: VICE PRESIDENT
REGULATORY AFFAIRS

SOUTHWESTERN BELL MOBILE SYSTEMS, INC.
d/b/a CELLULAR ONE -- CHICAGO

By: _____

Its: _____

1 **DIRECT TESTIMONY OF**
2 **TERRY D. APPENZELLER**
3 **ON BEHALF OF PETITIONERS**

4
5
6 **QUALIFICATIONS**

7
8 Q. Please state your name and business address.

9
10 A. My name is Terry D. Appenzeller. My business address is 2000 West
11 Ameritech Center Drive, Hoffman Estates, Illinois 60196-1025.

12
13 Q. By whom are you employed and in what capacity?

14
15 A. I am employed by Ameritech as Vice President-Open Market Strategy.
16 I have held this position since July 1993. This assignment includes
17 responsibility for strategic planning and resolution of public policy
18 issues associated with local exchange competition such as unbundling,
19 interconnection and number portability. The assignment also includes
20 responsibility for representing Ameritech before various government
21 and regulatory agencies, and industry seminars or forums. The
22 assignment also involves representation of Ameritech in industry
23 forums such as the Information Industry Liaison Committee (IILC)
24 and Illinois Commerce Commission (ICC) Number Portability
25 Workshop. I have served as the chairman of the IILC, and I am
26 currently a co-leader of the ICC Number Portability Workshop.

1 Q. Please describe your educational background.

2

3 A. I was graduated in 1969 from the University of Redlands, California,
4 with a BA in Business Economics. In 1988, I completed the Advanced
5 Management Program in Telecommunications at the University of
6 Southern California (USC). I have taught telecommunications policy
7 at USC as part of their MBA program for British Telecom.

8

9 Q. Please describe your work experience.

10

11 A. I have 27 years of telecommunications experience and have been
12 employed by three different companies during that timeframe as
13 follows:

14

15 From 1969 to 1983, I was employed in various management
16 assignments for Pacific Bell: business offices, network operations,
17 finance, installation and maintenance, budgets and results, and
18 regulatory. In my last assignment at Pacific Bell I was employed as
19 Division Manager-Business Relations. This assignment involved
20 management of Pacific's relationship with interexchange carriers
21 (MCI and Sprint, for example).

22

23 From 1983 to 1985, I was employed by Satellite Business Systems
24 (SBS) as Director of Carrier Relations. In this assignment I was
25 responsible for SBS's interconnection and business arrangements with
26 local exchange carriers and interexchange carriers in the United
27 States.

1 Since 1985, I have been employed by Ameritech as Senior Director-
2 Equal Access and Account Management, Senior Director-ONA and
3 Interconnection and Vice President-Open Market Strategy. In these
4 - assignments, I have been responsible for the creation of Ameritech's
5 ONA plan, interconnection plan and unbundling plan.

6
7 **PURPOSE OF TESTIMONY**

8
9 Q. What is the purpose of your testimony?

10
11 A. The purpose of my testimony is to present a Number Portability
12 Stipulation, attached as Joint Exhibit 1.1. This Stipulation proposes
13 the adoption of Location Routing Number (LRN) as the call model for
14 long-term number portability for participating networks within
15 Market Service Area 1 (MSA-1). The Stipulation was entered into
16 pursuant to the Commission's order in Docket 94-0096, entered April
17 7, 1995, in which the Commission directed the formation of an
18 industry task force to develop a permanent number portability solution
19 for Illinois. My testimony will describe the industry task force
20 process upon which the Stipulation is based, as well as issues addressed
21 in the Stipulation.

22
23 **ICC NUMBER PORTABILITY WORKSHOP**

24
25 Q. Please describe the industry task group process used to develop long-
26 term number portability for MSA-1 in Illinois.

1 A. A number portability industry task group (the ICC Number
2 Portability Workshop) was formed in April, 1995 as a result of the
3 Commission's order in Docket 94-0096. The workshop met for the
4 first time on April 21, 1995 with extensive industry representation --
5 the Commission's Staff, local exchange carriers, interexchange
6 carriers, cellular carriers, competitive access providers, switch
7 vendors and out-of-state-representatives from other commissions and
8 local exchange companies. Meetings have been held on a regular basis
9 since then, with discussions concentrating on MSA-1. A tremendous
10 amount of progress has occurred during the past nine months based on
11 cooperation and consensus among the workshop participants. As a
12 result, Illinois currently leads the nation in developing a plan for
13 implementing long term number portability. Five significant
14 accomplishments of the workshop are firsts in the nation and as a
15 result are being utilized as models by other states and Canada:

- 16
- 17 1) Selection of AT&T's Location Routing Number (LRN) as the
18 number portability architecture for participating networks in
19 MSA-1 in Illinois.
 - 20
 - 21 2) Development of public policy guidelines and internal technical
22 criteria for selecting the call model architecture and use in
23 planning and implementing number portability in MSA-1.
 - 24
 - 25 3) Development of a generic requirements document for vendors to
26 utilize as the basis for designing their number portability software
27 and equipment offered to participating networks.