NYNEX Government Affairs
1300 I Street NW Suite 400 West Washington DC 20005
202-336-7824

Dee May
Director
Federal Regulatory Issues

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May 23, 1996

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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF SECRETARY

Mr. William F. Caton
Acting Secretary
Federal Communications Commission
1919 M Street, NW
Room 222
Washington, DC 20554

Re: CC 95-116 and RM 8535, In the Matter of Local Number Portability

Dear Mr. Caton:

NYNEX met today with Mr. Richard Welch, Ms. Carol Mattey, Mr. Jason Karp, Ms. Jeannie Su and Ms. Melinda Littell of the Policy Division of the Common Carrier Bureau to discuss Local Number Portability. Attending from NYNEX were Mr. Cas Skrzypczak, Mr. Pete Hughes, Mr. Alan Cort and me. Mr. Skrzypczak reviewed the industry status regarding the long term solution to Local Number Portability. The issues discussed are outlined in the material attached which were presented at the meeting.

Please feel free to contact me at 202-336-7824 if you have any questions.

Sincerely,

Dee May

Attachment

cc: Mr. Karp
Ms. Littell
Ms. Mattey
Ms. Su
Mr. Welch

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NYNEX Recycles

Local Number Portability

Casimir S. Skrzypczak

May 23, 1996

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Agenda

- LNP Network & Call Processing
- What LNP is
- Elements of LNP
- What the industry has achieved
- How LRN applies
- What the industry still needs to accomplish
- How the FCC can help

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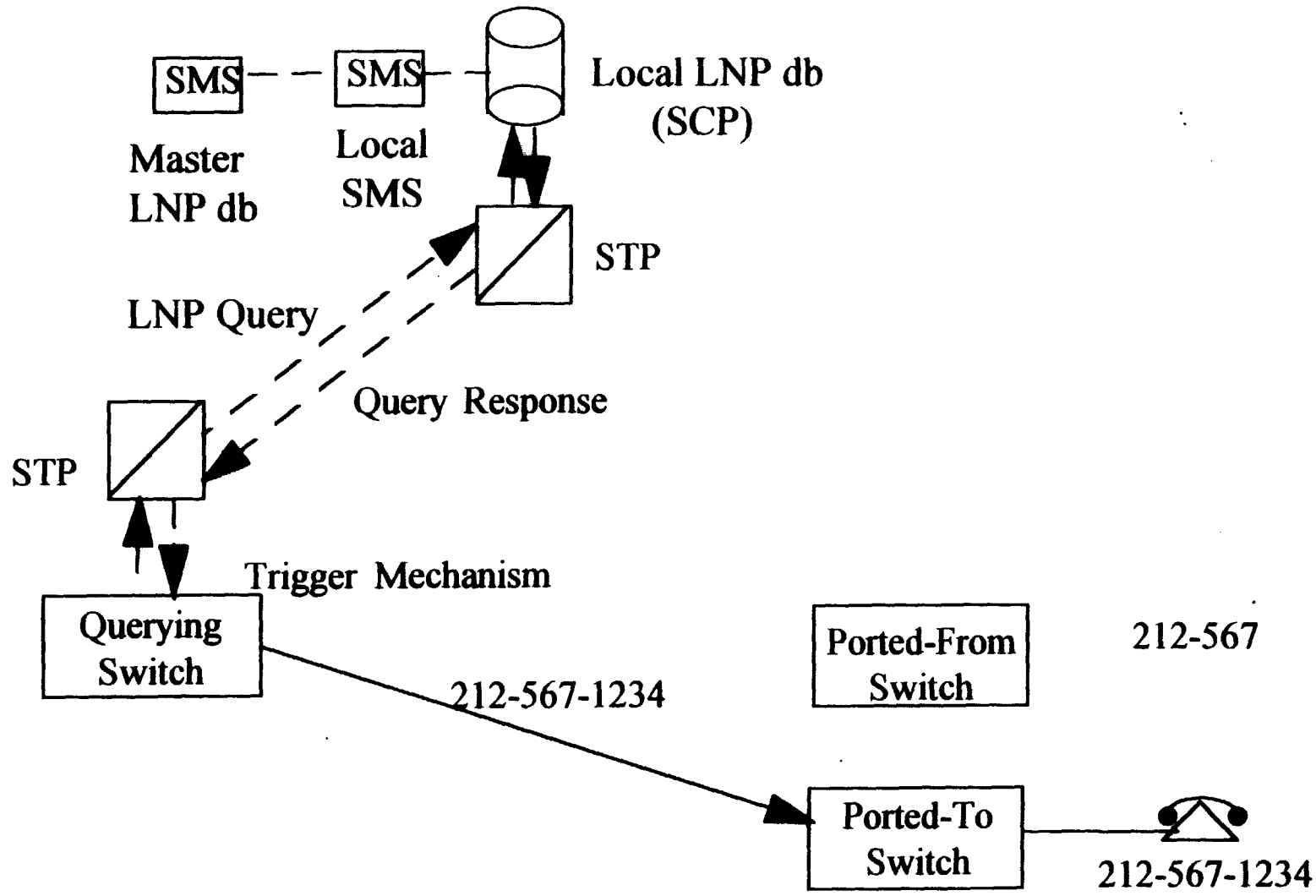
LNP Network & Call Processing



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What LNP is...

- The local number portability solution
  - will be technically feasible
  - will be database driven
  - will support all currently available solutions
  - can evolve from service provider to location and service portability
  - will not degrade service
  - will be seamless to IXCs, end users, etc.

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Elements of LNP

- LNP has distinct parts. Key examples are:
  - an addressing scheme
  - a triggering mechanism & location
  - a query indicator
  - a master database for administration and maintenance
  - Infrastructure additions to:
    - SCPs
    - LNP software to end office switches (SSPs)
    - SS7 network (STPs and associated links)
  - Potential other work
    - LIDB, Operator Services, CLASS, etc.

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What the industry has achieved...

- The industry has made significant progress in the following areas:
  - Technical platform
  - Addressing scheme
  - Call flows and associated processing requirements
  - The beginnings of database structures and operational procedures

How LRN applies...

- LRN is an addressing scheme
- Of the addressing schemes proposed to date, LRN has the greatest potential for
  - conserving NANP resources
  - ensuring existing trunking efficiencies
  - evolving for use with other types of number portability

LRN is **NOT** a complete solution

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What the industry still needs to accomplish

- LNP still needs work...
  - Finish network architecture
    - E.g., LIDB, Operator Services
  - Further define roles, scope and structure of
    - SMS
    - SCP
  - Build/upgrade network
    - OSSs
    - Switches
    - Signalling network
  - Establish Protocols, M&Ps, etc.

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How the FCC can help

- Provide industry oversight and guidance
- Direct industry to develop detailed proposal
  - Develop technically feasible solution including
    - Architecture to support all current services
    - Provide standard protocol with all necessary parameters
    - Include time frames for deployment
  - Develop transition plan to migrate network to LNP
  - Provide quarterly reports on deployment

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