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October 29, 1998

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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Ms. Magalie R. Salas
Secretary
Federal Communications Commission
1919 M Street, N.W., Room 222
Washington, DC 20554

Re: Ex Parte: Telephone Number Portability - CC Docket No. 96-115

Dear Ms. Salas:

This letter is to inform you that on October 28, 1998 Charon Harris and May Chan of GTE met with Jeanine Poltronieri, David Furth, Charlene Lagerwerff, Janice Jamison, and Clint Odom of the Commission's Wireless Telecommunications Bureau and Yog R. Varma, Gayle Radley Teicher and Patrick Forster of the Commission's Common Carrier Bureau. The purpose of the meeting was to discuss GTE's position regarding the implementation of wireless number portability in the above-captioned proceeding. The attached material was used in the discussion.

Please include a copy of this notification and the attached discussion material into the record of this proceeding in accordance with Section 1.1206(b)(1) of the Commission's rules concerning ex parte communications. If there are, any questions regarding this matter please contact the undersigned.

Sincerely,

May Chan

Attachment

- cc: J. Poltronieri
- D. Furth
- C. Lagerwerff
- J. Jamison
- C. Odom
- Y. Varma
- G. Teicher
- P. Forster

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Wireless Number Portability

CC Docket 95-116

October 28, 1998



Outline

- Status of Wireline Number Portability
- Implementation Cost Estimates
- Wireless-to-Wireless Porting
- Porting Numbers Across Technologies
 - Wireless-to-Wireline Porting
 - Rate Center Issue
 - Wireline-to-Wireless Porting
- Summary

Status of Wireline Number Portability

Nationwide Approximately 80,000 Numbers
Have Been Ported By Wireline Carriers
(less than 0.06% of total numbers in the top 100 MSA)

Cost Considerations for Wireless Number Portability

- Switching Systems
- Signaling System 7 (SS7)
- Operations Support Systems
- NPAC
- Other Unknown

Wireless-to-Wireless Porting

- Nationwide Roaming
 - MSID (MIN) and MDN Separation
 - Costly and Complex
- End User Confusion
- Competition in Wireless Markets
 - Up to 7-8 Carriers in Major Markets
 - Number Change is Not Inhibiting
 - 25% Industry-wide Churn Rate
- Future Trends
 - MSID and MDN Separation in IS-41.C/D
 - IMSI as the MSID

Porting Between Wireline and Wireless

- Rate Center Issue Needs to be Addressed
- Rate Center Consolidation for Number Conservation

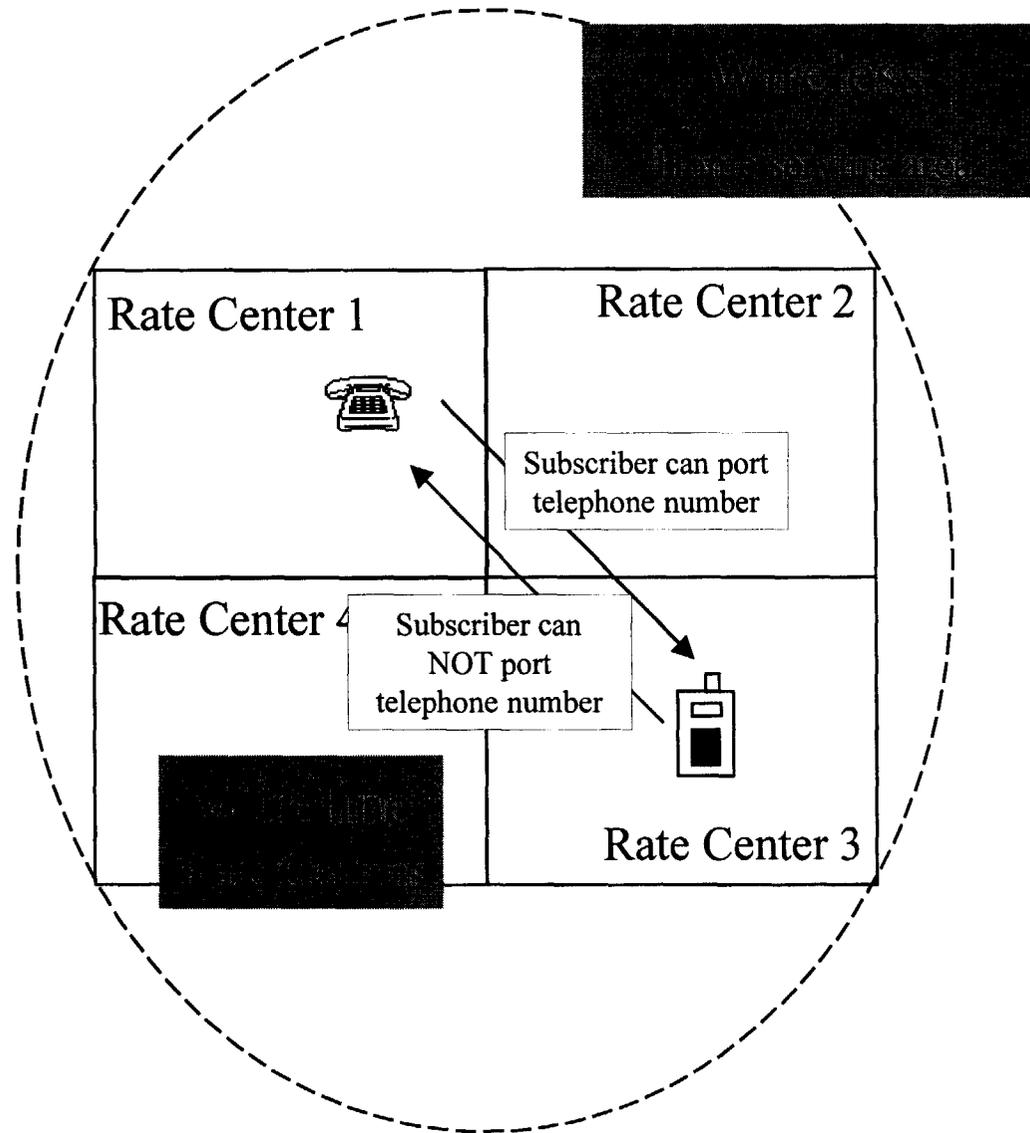
Area of Portability

- State regulatory bodies define the rate center
- What is a rate center?
 - Rate center defines a geographic area associated with a single vertical and horizontal coordinate that is used for call rating
 - Type of geographic areas that may be a rate center
 - Wire center
 - Exchange area
 - Local calling area
 - Regional calling area
- The rate center has been designated as the area of portability

Different Rate Center Definitions

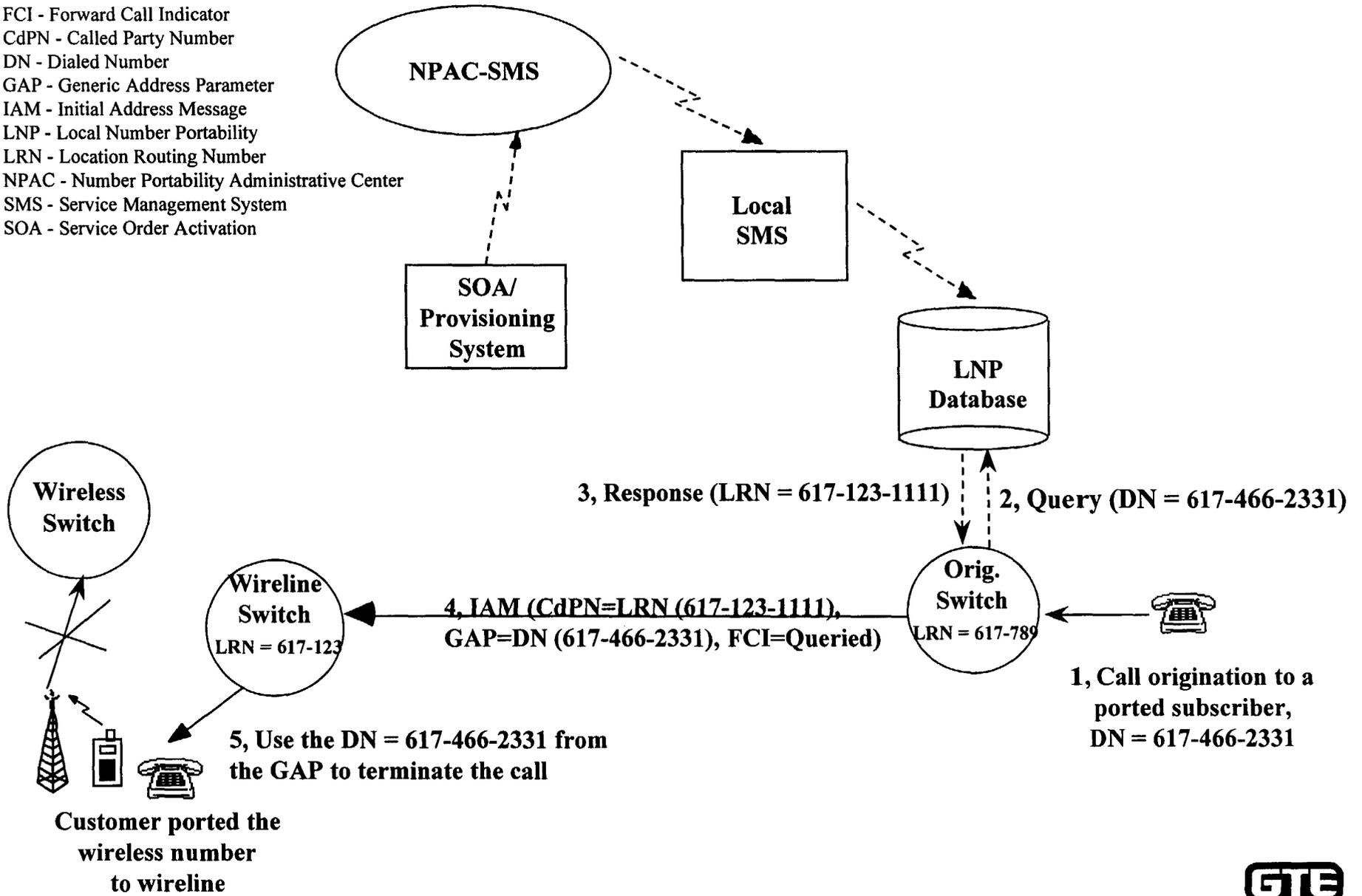
- Rate Center is a wireline concept
 - ILEC rate centers are defined by State PUCs
 - CLECs define their own rate centers
- Wireless service providers define
 - Home serving area
 - Calling scope or bands

Inconsistent Rate Center Issue



Wireless-to-Wireline Porting

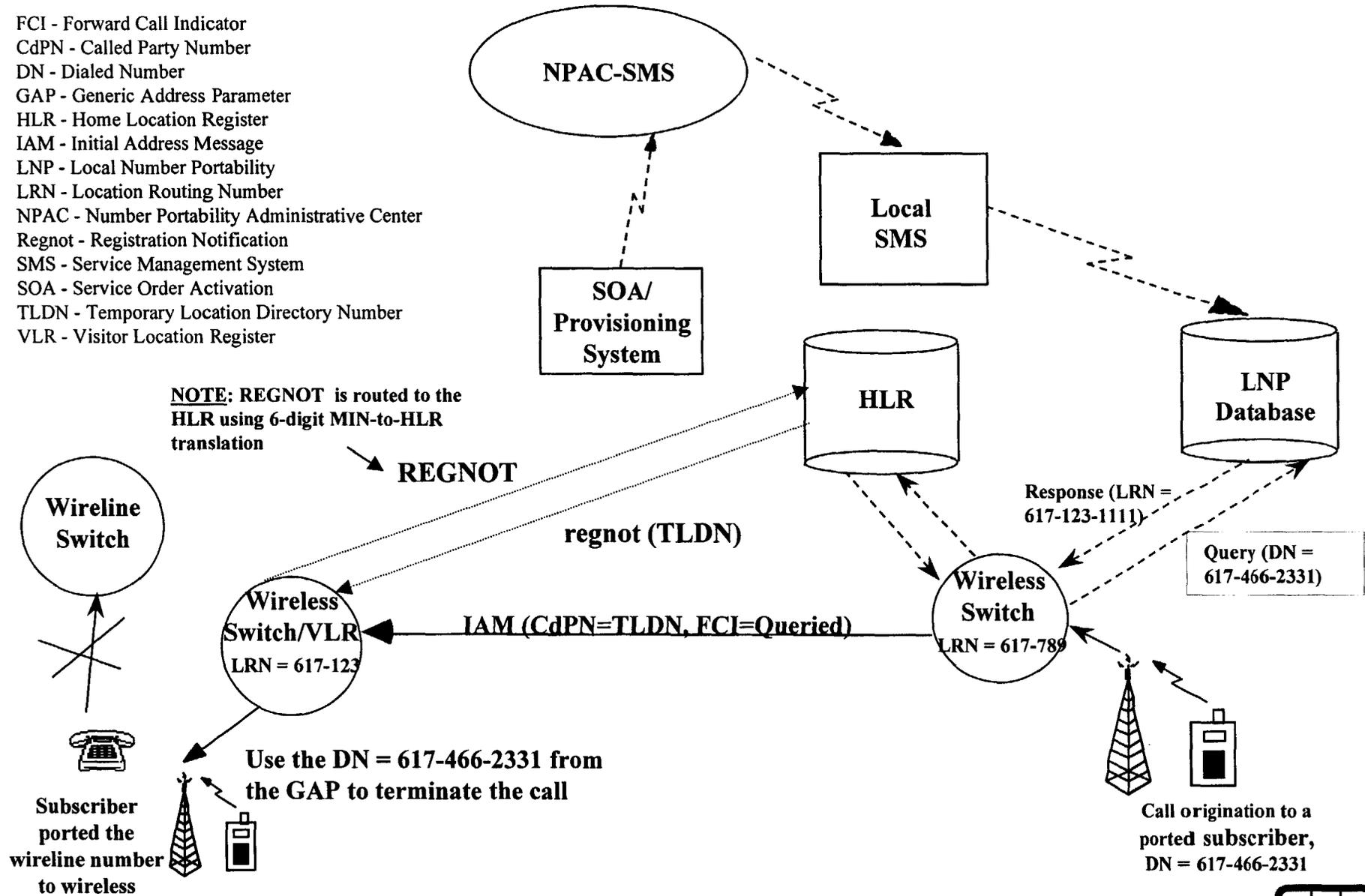
FCI - Forward Call Indicator
 CdPN - Called Party Number
 DN - Dialed Number
 GAP - Generic Address Parameter
 IAM - Initial Address Message
 LNP - Local Number Portability
 LRN - Location Routing Number
 NPAC - Number Portability Administrative Center
 SMS - Service Management System
 SOA - Service Order Activation



Wireline-to-Wireless Porting

(only one wireless carrier porting and roaming)

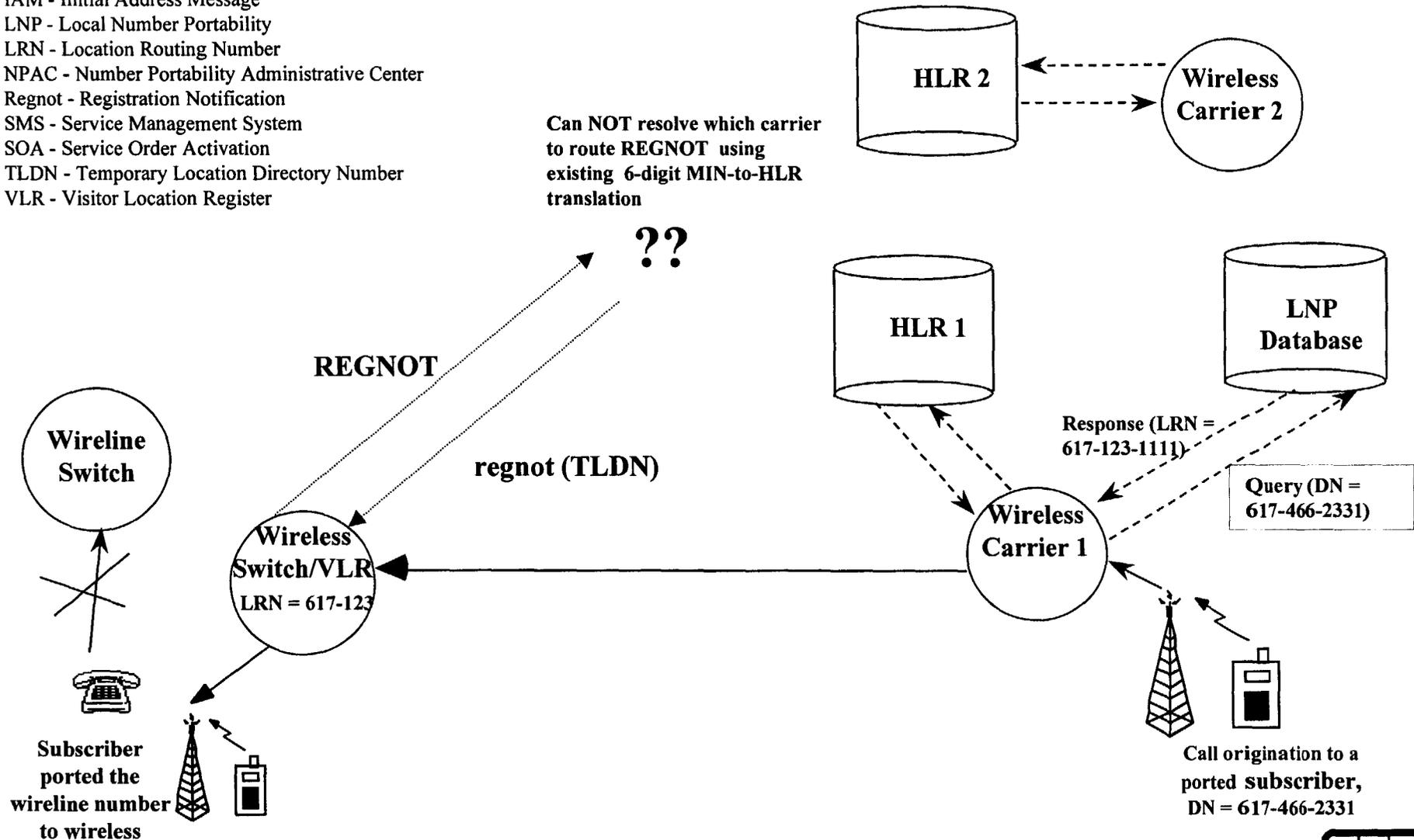
- FCI - Forward Call Indicator
- CdPN - Called Party Number
- DN - Dialed Number
- GAP - Generic Address Parameter
- HLR - Home Location Register
- IAM - Initial Address Message
- LNP - Local Number Portability
- LRN - Location Routing Number
- NPAC - Number Portability Administrative Center
- Regnot - Registration Notification
- SMS - Service Management System
- SOA - Service Order Activation
- TLDN - Temporary Location Directory Number
- VLR - Visitor Location Register



Wireline-to-Wireless Porting

(multiple wireless carriers porting and roaming)

- FCI - Forward Call Indicator
- CdPN - Called Party Number
- DN - Dialed Number
- GAP - Generic Address Parameter
- HLR - Home Location Register
- IAM - Initial Address Message
- LNP - Local Number Portability
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Summary

- Forbearance is Appropriate
- Let Market Conditions Drive Competition
- Competition Will Induce Innovation in Resolving Number Portability Issues