

ORIGINAL

DOCKET FILE (0-1-1997)

Kathleen Q. Abernathy
Vice President
Federal Regulatory

EX PARTE OR LATE FILED

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December 10, 1997

EX PARTE

Ms. Magalie Roman Salas
Secretary
Federal Communications Commission
1919 M Street, NW, Room 222
Washington, DC 20554

RE: Telephone Number Portability (CC Docket No. 95-116)

Dear Ms. Salas:

RECEIVED

DEC 10 1997

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

On Monday, December 8, Greg Tedesco and I, on behalf of AirTouch Communications, Inc. met with Carol Matthey and Jonathan Askin from the Common Carrier Bureau and Jeanine Poltronieri and Janice Jamison from the Wireless Bureau to discuss the above proceeding. Please associate the attached material with the above-referenced proceeding.

Two copies of this notice are being submitted to the Secretary in accordance with Section 1.1206(a)(1) of the Commission's Rules.

Please stamp and return the provided copy to confirm your receipt. Please contact me at 202-293-4960 should you have any questions or require additional information concerning this matter.

Sincerely,

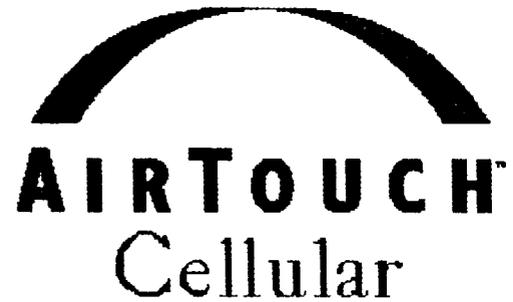
A handwritten signature in cursive script that reads "Kathleen Q. Abernathy".

Kathleen Q. Abernathy

Attachment

cc: Carol Matthey
Jonathan Askin
Jeanine Poltronieri
Janice Jamison

023



Local Number Portability

**Network Services
Network Planning & Engineering
December 8, 1997**

What is Number Portability

- **Number Portability refers to the ability of end users to retain their geographic or non-geographic (e.g., 800) telephone number when they change any of the following:**
 - **Service Provider - Currently Mandated**
 - The ability of an end user to retain the same geographic or non-geographic telephone number as he/she changes from one service provider to another.
 - **Location**
 - The ability of an end user to retain the same geographic or non-geographic telephone number as he/she moves from one permanent physical location to another.
 - **Service**
 - The ability of an end user to retain the same geographic or non-geographic telephone number as he/she changes from service to another (e.g., POTS to ISDN).

Federal Mandate

■ Federal Mandate - Service Provider Portability

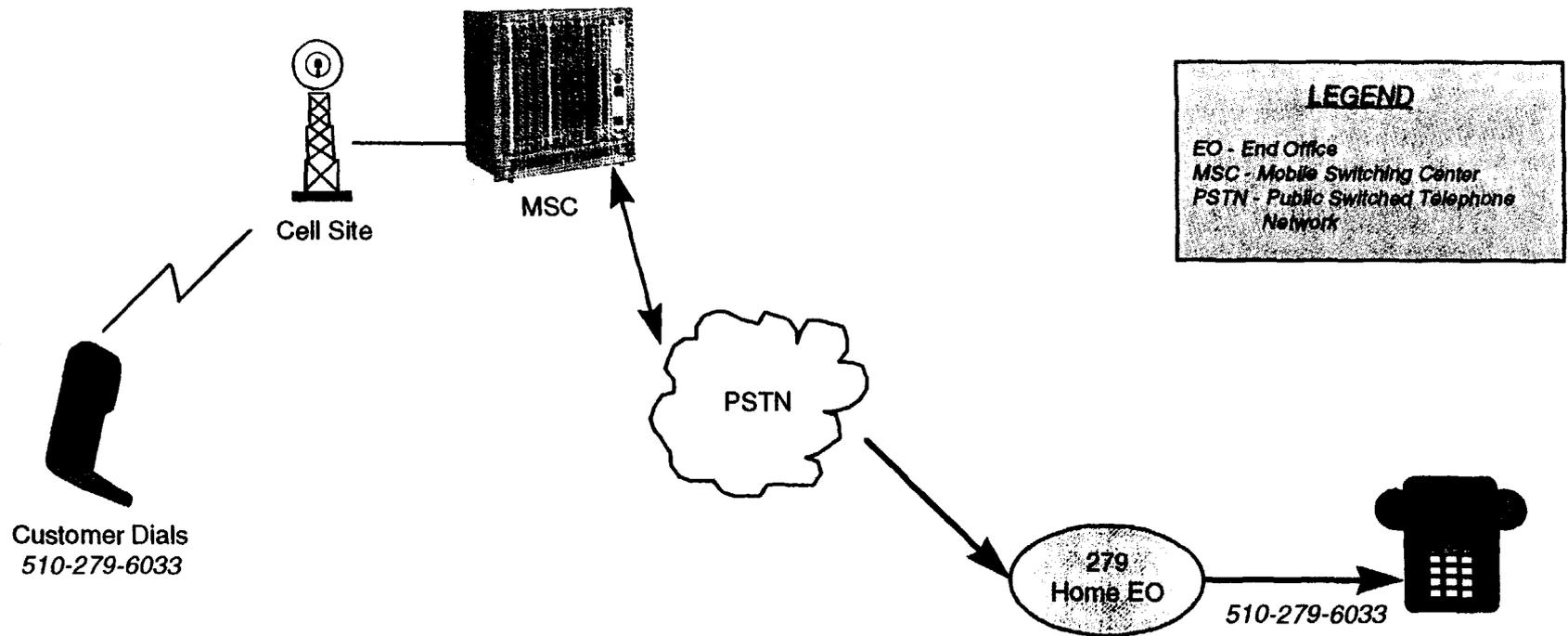
■ Decision in CC Docket 95-116 on June 27, 1996 requires that:

- Wireline companies need to provide number portability for their customers beginning October 1, 1997 and completing December 31, 1998. They could begin to charge AirTouch for the look-up.
 - AirTouch must be able to complete mobile to land calls to ported numbers.
- By June 30, 1999, AirTouch be capable of porting numbers in and out of their network, including the ability to recognize and support ported customers who are roaming.
- On November 24, 1997, CTIA petitioned the FCC for a 9-month extension.

Wireless Call Origination - Current

■ Call Routing

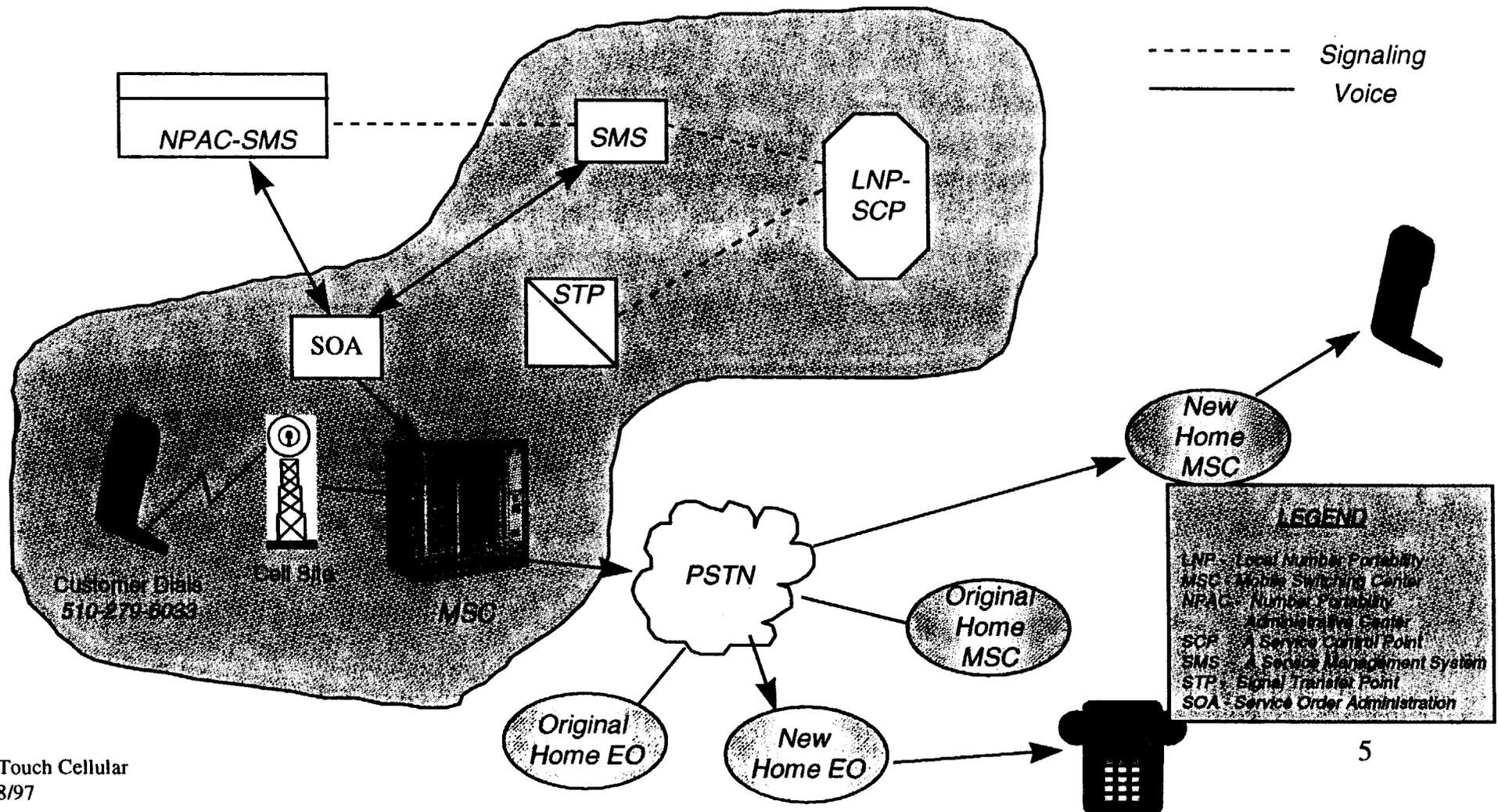
- Mobile Subscriber dials telephone number
- Cell site transmits dialed digits to the Mobile Switching Center (MSC)
- MSC uses translation tables to determine destination of called number



Wireless Call Origination - Post Number Portability

■ Call Routing

- SS7 deployment is required for database look-ups (SS7 infrastructure deployed)
- Every mobile originated call to a ported NXX will initiate a database lookup
- Database look-up required to obtain call routing information



What has the Industry Done

- 3Q95** CTIA (NAG) began Discussions
- 4Q95** Participated in State Activities
- 2Q96** Developed Request for Information (RFI)
- 3Q96** Released RFI
- 4Q96** Held Number Portability Forum
 - Agreed on Wireless Number Portability Solution
- 1Q97** Developed and Released the Wireless Standards Requirements Document to the Industry Standards Bodies
 - TIA
 - Committee T1Developed the Wireless Number Portability Report
- 2Q97** Released the Wireless Number Portability Report to the Industry Standards Bodies & NANC
- 3Q97** Standards Bodies Began Work

What Still Needs to be Done

- **Technical Standards need to be developed**
- **Ease Subscriber Confusion**
- **Redesign of Back Office Systems**
 - Billing
 - Customer Care
- **Modifications to Network Elements**
 - Mobile Switching Centers
 - HLR
 - SCP

What Our Customers Tell Us

Attributes When Selecting a Service Provider

- Reliability/Dependability
- Clear and Reliable Call Transmission
- Ability to Resolve Customer Problems
- Pricing
- Coverage

Attributes that Influence Decision to Switch Providers

- Cost
- Coverage
- Quality
- Security