



# Public Service Commission

CAPITAL CIRCLE OFFICE CENTER • 2540 SHUMARD OAK BOULEVARD  
TALLAHASSEE, FLORIDA 32399-0850

## -M-E-M-O-R-A-N-D-U-M-

**DATE:** JANUARY 21, 1999

**TO:** DIRECTOR, DIVISION OF RECORDS AND REPORTING (BAYO)

**FROM:** DIVISION OF COMMUNICATIONS (ILERI SHELFER) *ji ABS*  
DIVISION OF LEGAL SERVICES (COX, MCKINNEY) *gcm MCB*  
*NEB/grule*

**RE:** DOCKET NO. 980671-TL - REQUEST FOR REVIEW OF PROPOSED NUMBERING PLAN RELIEF FOR THE 407 AREA CODE.

**AGENDA:** FEBRUARY 2, 1999 - REGULAR AGENDA - POST HEARING DECISION  
- PARTICIPATION IS LIMITED TO COMMISSIONERS AND STAFF

**CRITICAL DATES:** OCTOBER 1, 1999 (EXHAUSTION DATE)

**SPECIAL INSTRUCTIONS:** NONE

**FILE NAME AND LOCATION:** S:\PSC\LEG\WP\980671b.RCM

RECEIVED  
REPORTING  
DIVISION  
JAN 20 11:43  
1999

### CASE BACKGROUND

Pursuant to the NPA Code Relief Planning and Notification Guidelines (INC 97-0404-016), Mr. Wayne Milby, Senior NPA Relief Planner for the Eastern Region of the North American Numbering Plan (NANP), notified the code holders and other industry members on March 3, 1998, that the 407 area code was approaching exhaustion. The industry reached a consensus to recommend an overlay, as the method of relief for the 407 area code. The Commission received several objections to the proposed plan from members of the public, asking that the Commission review the proposed 407 relief plans. The Commission determined that it was in the public interest to review not only the industry consensus plan, but also the other alternatives.

Before the public hearings took place, there were ten alternatives. Based on the testimony from the public hearings, staff suggested two more alternatives. At the December 1, 1998, Agenda Conference, the Commission approved staff's recommended Alternative #11, a split boundary extension overlay in which (1) Brevard County is split from 407 and placed in a new area code, and (2) the same new area code is simultaneously used as an overlay in

DOCUMENT NUMBER-DATE

00705 JAN 20 1999

FPSC-RECORDS/REPORTING

the remaining 407 area. At the December 15, 1998, Agenda Conference, the Commission allocated 381 of the 748 NXXs to Brevard County, which would allow that area to last eight years. Table 1 below summarizes the exhaust years based on two assumptions for Brevard County (Area A) and the remaining counties (Area B).

Alternative	Assumption #1 <sup>1</sup>		Assumption #2 <sup>2</sup>	
	Area A (Brevard)	Area B (Orange, Osceola, and Seminole)	Area A (Brevard)	Area B (Orange, Osceola, and Seminole)
11	8 (2008)	4.1 (2004)	14.7 (2014)	6.9 (2007)

Table 1: The projected exhaust years for 407 area code relief plan (Alternative #11)

On December 22, 1998, BellSouth filed a motion for modification of the implementation schedule. Therefore, this recommendation addresses BellSouth's motion and the new implementation schedule.

---

<sup>1</sup>Assumption #1 is that the area code growth will continue at approximately the same rate as current demand for central office codes. (EXH. 3)

<sup>2</sup>Assumption #2 is that the code growth will continue at approximately the same rate as the current assignments until the end of year 2000. Then, the growth rate is reduced by 50 percent to reflect an estimate of the potential impacts of any number conservation efforts. (EXH. 3)

DISCUSSION OF ISSUES

ISSUE 1: Should the Commission approve BellSouth's motion for modification of the implementation schedule for the 407 area code relief plan?

RECOMMENDATION: No. Staff recommends that the Commission on its own motion modify the implementation schedule for the 407 area code relief plan as shown in the following table. (ILERI)

<b>County</b>	<b>Permissive Dialing Starts</b>	<b>Mandatory Dialing Starts</b>
<b>Orange, Osceola, and Seminole</b>	<b>April 1, 1999</b> (7 or 10-digit dialing with 407 NPA)	<b>December 1, 1999</b> (10-digit dialing with 407 and new NPA <sup>3</sup> )
<b>Brevard</b>	<b>October 1, 1999</b> (7 or 10-digit dialing with 407 and new NPA)	<b>October 1, 2000</b> (7 or 10-digit dialing with new NPA)

STAFF ANALYSIS: On December 29, 1998, the Commission issued Order No. PSC-98-1761-FOF-TL approving Alternative #11, a split boundary extension overlay in which (1) Brevard County is split from 407 and placed in a new area code, and (2) the same new area code is simultaneously used as an overlay in the remaining 407 area. A schematic view of Alternative #11 is provided on the following page.

In Order No. PSC-98-1761-FOF-TL, the PSC also approved the permissive dialing patterns to begin on April 1, 1999, and become mandatory on December 1, 1999. On December 22, 1998, BellSouth indicated that it has two NPA splits (601/662 in Mississippi to be permissive on 6/19/99, and 502/270 in Kentucky to be permissive on April 5, 1999) scheduled for the same general time frame as the 407 relief. In addition, BellSouth stated that it will be implementing Y2K system modifications in the first quarter of 1999. Therefore, adding another NPA split to the workload would significantly

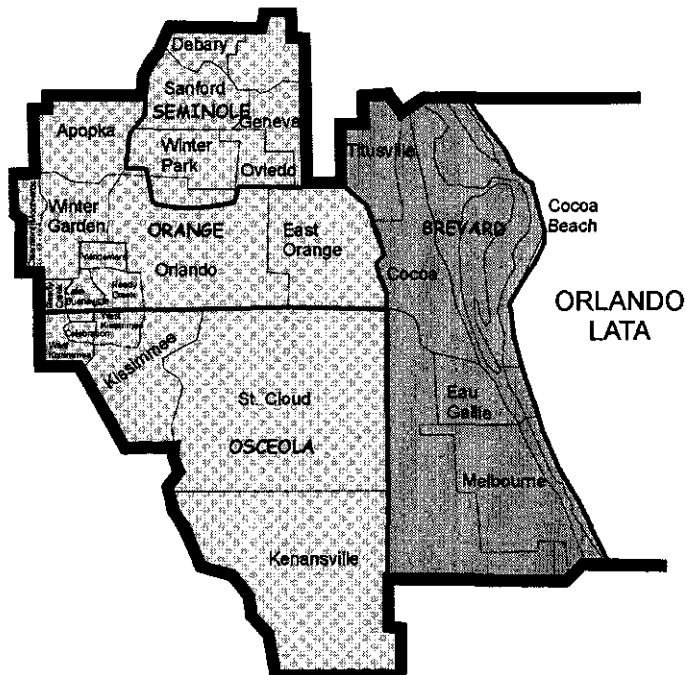
---

<sup>3</sup>In the overlay area, NXXs in the new NPA will be issued after December 1, 1999 when all the 407 NXXs exhaust.

diminish the chances for a successful conversion from permissive to mandatory dialing.

Geographic split of Brevard County (Area A) from the current 407 area code and boundary extension overlay of this new area code into remaining counties in the current 407 area code (Area B)

Exhaust year for Area A: 2008<sup>4</sup>  
Exhaust year for Area B: 2004



BellSouth proposed a modified time frame for implementing the 407 relief plan. Beginning April 1, 1999, all users in the current 407 area would be able to dial local calls with either 7 or 10-digits. Mandatory 10-digit dialing of local calls would start outside Brevard County on November 29, 1999. The first CO codes (NXXs) would become effective after November 29, 1999. The NPA split portion (Brevard County) would have a permissive dialing

<sup>4</sup>Assumption #1 is that the area code growth will continue at approximately the same rate as current demand for central office codes. (EXH. 3)

period beginning on October 11, 1999, and would continue through October 8, 2000. The mandatory dialing with the new NPA would start on October 9, 2000.

BellSouth's staggered information is shown in the following table:

<b>County</b>		<b>Permissive Dialing Starts</b>	<b>Mandatory Dialing Starts</b>
<b>Orange, Osceola, and Seminole</b>		<b>April 1, 1999</b> (7 or 10-digit dialing with 407 NPA)	<b>December 1, 1999</b> (10-digit dialing with 407 and new NPA)
<b>Brevard</b>	<b>Phase I</b>	<b>April 1, 1999</b> (7 or 10-digit dialing with 407 NPA)	<b>October 10, 1999</b> (7 or 10-digit dialing with 407 NPA)
	<b>Phase II</b>	<b>October 11, 1999</b> (7 or 10-digit dialing with 407 and new NPA)	<b>October 9, 2000</b> (7 or 10-digit dialing with new NPA)

The PSC staff, the industry members, and Mr. Wayne Milby from the North American Numbering Plan Administration had the first 407 NPA jeopardy meeting on December 14, 1998. In this meeting, BellSouth expressed its concerns about the implementation schedule. Consensus was reached that pending BellSouth's proposal and based on an expected final Commission order on the 407 area code relief, necessary changes would be discussed during a conference call on February 18, 1999.

Staff realizes the importance of a successful implementation of the 407 area code relief plan; however, having a staggered implementation schedule with the option of 7 and 10-digit local dialing, including residents of Brevard County, might cause customer confusion. While staff notes that a staggered implementation may be confusing, such a schedule appears to be necessary for a successful implementation. Nevertheless, staff believes the dates BellSouth has chosen may be unduly confusing and difficult for customers to remember. Therefore, staff recommends the following implementation schedule as shown in the following table.

<b>County</b>	<b>Permissive Dialing Starts</b>	<b>Mandatory Dialing Starts</b>
<b>Orange, Osceola, and Seminole</b>	<b>April 1, 1999</b> (7 or 10-digit dialing with 407 NPA)	<b>December 1, 1999</b> (10-digit dialing with 407 and new NPA <sup>5</sup> )
<b>Brevard</b>	<b>October 1, 1999</b> (7 or 10-digit dialing with 407 and new NPA)	<b>October 1, 2000</b> (7 or 10-digit dialing with new NPA)

Beginning April 1, 1999, end-users in the overlay portion (Orange, Osceola, and Seminole) would dial either 7 or 10-digits until November 30, 1999. The mandatory date for 10-digit dialing within the overlay area would begin on December 1, 1999. For Brevard County, the permissive dialing using 7 or 10-digit dialing would start on October 1, 1999 and end on September 30, 2000. The mandatory dialing with the new NPA would start on October 1, 2000.

---

<sup>5</sup>In the overlay area, NXXs in the new NPA will be issued after December 1, 1999 when all the 407 NXXs exhaust.

DOCKET NO. 980671-TL  
DATE: JANUARY 21, 1999

ISSUE 2: Should this docket be closed? (COX, ILERI)

RECOMMENDATION: Yes, with the approval of staff's recommendation on Issue 1, this docket should be closed.

STAFF ANALYSIS: Assuming staff's recommendation in Issue 1 is approved, there is no need to keep this docket open. Therefore, staff recommends the Commission close this docket.