



# Public Service Commission

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TALLAHASSEE, FLORIDA 32399-0850

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

**DATE:** DECEMBER 3, 1998

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

**FROM:** DIVISION OF COMMUNICATIONS (ILERI, SHELFER) *AKS*  
DIVISION OF LEGAL SERVICES (COX, MCKINNEY) *WPC*

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

**AGENDA:** DECEMBER 15, 1998 - REGULAR AGENDA - POST HEARING DECISION - PARTICIPATION IS LIMITED TO COMMISSIONERS AND STAFF

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

**SPECIAL INSTRUCTIONS:** NONE

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

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### 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 NANP Administrator hosted an industry meeting in Orlando on March 31, 1998 to discuss alternative relief plans. NANPA, at that time, had only six plans. During the meeting, an additional four alternatives were discussed, bringing the total number of alternatives discussed to ten. The industry reached a consensus to recommend Alternative Relief Plan #1, an overlay, as the method of relief for the 407 area code. On April 22, 1998, Mr. Milby notified the Commission of the industry's consensus.

The Commission received several objections to the proposed plan from members of the public, asking that the Commission review the proposed 407 relief plans. As a result, the Commission scheduled several public hearings and a full evidentiary hearing in this docket. The notice of public hearings and the industry's consensus plan were printed in the news media, attracting a great

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deal of attention and public interest in this matter. Because the overlay will require 10-digit<sup>1</sup> dialing for all local calls, which may be confusing to customers, the Commission determined that it was in the public interest to review not only the industry consensus plan, but also the other alternatives. The Commission conducted hearings in Orlando and Melbourne on August 6 and 7, 1998, and on September 24 and 25, 1998. The Commission also conducted an evidentiary hearing in Orlando on August 7, 1998.

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 the remaining 407 area.

This recommendation will address how the NXXs in the new area code should be allocated between Brevard and the remaining counties in the current 407 area code.

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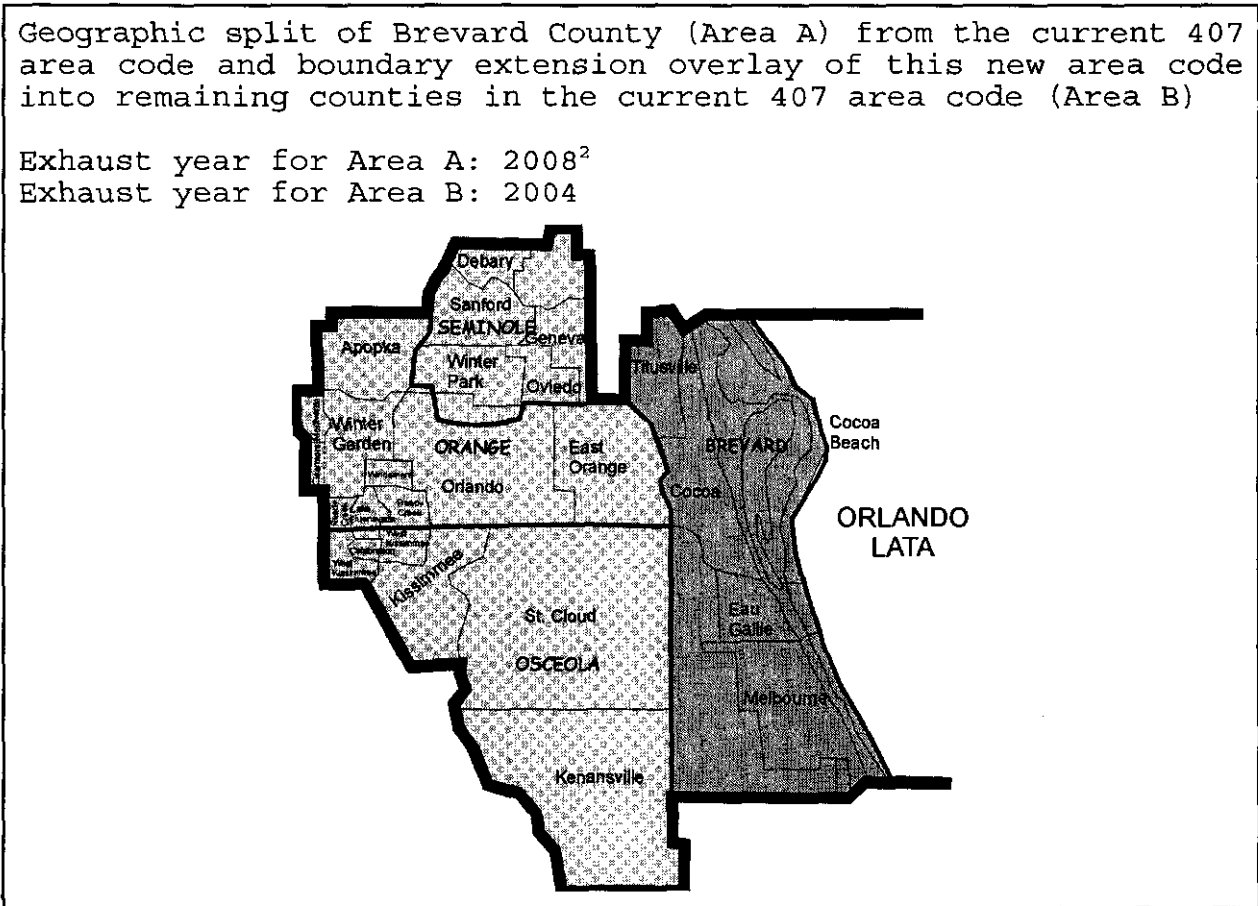
<sup>1</sup>Implementation of the Local Competition Provisions of the Telecommunications Act of 1996, CC Docket No. 96-98, FCC 96-333, Second Report and Order and Memorandum Opinion and Order, 11 FCC Rcd 19392 (1996)

DISCUSSION OF ISSUES

ISSUE 1: How should the NXXs in the new area code be allocated between Brevard and the remaining counties in the current 407 area code?

RECOMMENDATION: Staff recommends that the Commission should allocate 381 of the 748 NXXs to Brevard County. (ILERI)

STAFF ANALYSIS: 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 the remaining 407 area. A schematic view of Alternative #11 is given below.



<sup>2</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)

When approving staff's recommended Alternative #11 at the December 1, 1998 Agenda Conference, the Commissioners requested that Brevard County be allocated enough NXXs in the new area code to last eight years. Based on the information provided by witness Wayne Milby, the NANP Administrator, staff analyzed and calculated the allocation of the NXXs in the new area code. (EXH. 3)

The calculations for allocating the number of NXXs are based on two assumptions. Assumption #1 is that the area code growth will continue at approximately the same rate as current demand for central office codes. 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) Under Assumption #1, the average forecasted code growth rate is 29 NXXs per year for Brevard County and 127 NXXs per year for the remaining counties in the current 407 area code. Staff would note that there are only 748 NXXs in an area code to be assigned.

At exhaust, Brevard County will have 149 NXXs in use. Based on the forecasted code growth rate of 29 per year, Brevard County will require 232 (29\*8) NXXs, in addition to the 149, for a total of 381. For the remaining counties in the current 407 area code, there will be the remaining NXXs (748-381) plus the 149 NXXs previously used in Brevard County prior to the geographic split. This results in 516 NXXs being available, and at the forecasted growth rate of 127 per year, will produce a life expectancy of 4.1 years. Under Assumption #2, the forecasted code growth rate will be reduced, which will increase the life expectancy from 8 years to 14.7 years for Brevard County, and 4.1 years to 6.9 years for the remaining counties. 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		Assumption #2	
	Area A	Area B	Area A	Area B
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)

Based on the above analysis, staff recommends that the Commission should allocate 381 of the 748 NXXs to Brevard County.

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

RECOMMENDATION: Yes, with the adoption of staff's recommendation in 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.