

J. Phillip Carver  
General Attorney

BellSouth Telecommunications, Inc.  
c/o Nancy H. Sims  
Suite 400  
150 So. Monroe Street  
Tallahassee, Florida 32301  
Telephone: 305 347-5558

ORIGINAL  
FILE COPY

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31153-TL

September 20, 1996

Ms. Blanca S. Bayó  
Director, Division of Records and Reporting  
Florida Public Service Commission  
2540 Shumard Oak Blvd.  
Betty Easley Conference Center, Rm. 110  
Tallahassee, FL 32399-0850

**Re: Petition for NPA Relief for 904 Area Code**

Dear Mrs. Bayó:

Enclosed please find an original and fifteen copies of Petition of BellSouth Telecommunications, Inc. for Numbering Plan Area Relief For 904 Area Code, which we ask that you file in the captioned docket.

A copy of this letter is enclosed. Please mark it to indicate that the original was filed and return the copy to me. Copies have been served to the parties shown on the attached Certificate of Service.

Sincerely,

*J. Phillip Carver*  
J. Phillip Carver  
(Ad)

- ACK \_\_\_\_\_
- AFA \_\_\_\_\_
- APP \_\_\_\_\_
- CAP \_\_\_\_\_
- CMU \_\_\_\_\_
- CTR \_\_\_\_\_
- ENG \_\_\_\_\_
- ETG \_\_\_\_\_
- FIN \_\_\_\_\_
- GEN \_\_\_\_\_
- REG \_\_\_\_\_
- SEC \_\_\_\_\_
- WAS \_\_\_\_\_
- OTH \_\_\_\_\_

Enclosures

cc: All Parties of Record  
R. G. Beatty  
A. M. Lombardo  
William J. Ellenberg II

RECEIVED & FILED

EPSC-BUREAU OF RECORDS

DOCUMENT NUMBER - DATE

10081 SEP 20 1996

FPSC-RECORDS/REPORTING

**CERTIFICATE OF SERVICE**  
**DOCKET NO. \_\_\_\_\_**

I HEREBY CERTIFY that a copy of the foregoing has been furnished by U.S.

Mail this 20<sup>th</sup> day of Sept., 1996 to:

Staff Counsel  
Florida Public Service Commission  
2540 Shumard Oak Blvd.  
Betty Easley Conference Center, Rm. 110  
Tallahassee, FL 32399 0850

*J. Phillip Carver*  
J. Phillip Carver



BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition of BellSouth  
Telecommunications, Inc.  
for Approval of Numbering  
Plan Area Relief for 904  
Area Code.  
\_\_\_\_\_ )  
 )  
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 )  
 )  
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Docket No. \_\_\_\_\_

Filed: September 20, 1996

**PETITION OF BELL SOUTH TELECOMMUNICATIONS, INC.  
FOR NUMBERING PLAN AREA RELIEF FOR 904 AREA CODE**

BellSouth Telecommunications, Inc. ("BellSouth"), pursuant to Rule 25-22.036, Florida Administrative Code, petitions the Florida Public Service Commission (the "Commission") for approval of Numbering Plan Area ("NPA") relief for the 904 area code, and in support of this petition states as follows:

1. BellSouth is a telephone company lawfully doing business in the State of Florida, the regulated operations of which are subject to the Commission pursuant to Chapter 364, Fla. Stat.

2. BellSouth's principal place of business in Florida is 150 W. Flagler Street, Suite 1910, Miami, Florida 33130.

3. Pleadings and process in this matter may be served upon

Robert G. Beatty  
Phillip Carver  
Stephen M. Klimacek  
c/o Nancy Sims  
BellSouth Telecommunications, Inc.  
W. Monroe Street, Suite 400  
Tallahassee, FL 32301

4. Under the North American Numbering Plan (NANP), BellSouth is the designated central office code administrator for the 904 area code. In accordance with its duties as the central office code administrator, BellSouth has determined

DOCUMENT RECEIVED DATE

10031 SEP 20 96

FPSC-RECORDS/REPORTING

that a relief plan for the 904 area code is necessary to avoid an exhaustion of available numbers, which will otherwise occur in approximately May, 1998.<sup>1</sup>

5. BellSouth notified all code-holders, and various other telecommunications providers, operating in the 904 area code of an industry meeting to be held on July 31, 1996, to attempt to reach consensus on a relief plan for the 904 area code. The meeting was held as scheduled, but no consensus was reached. (A copy of the minutes of the July 31 meeting is attached as Exhibit A.) A subsequent meeting was held on August 22, 1996, and again no consensus was reached. (A copy of the minutes of the August 22 meeting are attached as Exhibit B.)

6. The three forms of relief options available for the 904 NPA are a geographical split, NPA overlay, and NPA boundary realignment. The industry reached consensus that the NPA should be split along LATA boundaries. The industry has not reached consensus, however, on which LATAs should be removed from the 904 NPA.

7. There are five LATAs wholly included within the NPA: Daytona, Jacksonville, Panama City, Pensacola and Tallahassee.

8. The principal geographical split relief options considered by the industry code-holders are as follows:

- a. Assign New NPA to Pensacola, Panama City and Tallahassee LATAs (Option 1)

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<sup>1</sup> This exhaust date, as well as other exhaust dates used in industry meetings discussing various relief options, is based upon recent forecasts provided by current code holders. Other potential code uses by new industry participants or new services, such as Personal Communications Services, could affect this forecasted exhaust date.



This option best meets the industry guidelines for NPA relief. It provides relief for the greatest amount of time for both the new (850)<sup>2</sup> and old (904) NPAs. The 904 NPA for the Jacksonville and Daytona LATAs would be expected to exhaust in September, 2002. The 850 NPA for the Pensacola, Panama City and Tallahassee LATAs would be expected to exhaust in November, 2006. This option was opposed by the State Department of Management Services due to the magnitude of the costs that the State would expect to incur to re-print numerous publications and re-program customer premises equipment.

b. **Assign New NPA to Jacksonville and Daytona LATAs  
(Option 1a)**

The number of subscribers and the number of NXXs in the Jacksonville and Daytona LATAs are greater than the number of subscribers and NXXs in the Pensacola, Panama City and Tallahassee LATAs. This approach would impact a greater number of subscribers and NXXs than Option 1, because a greater number of subscribers and NXXs will be assigned a new NPA. With respect to exhaust dates, however, the impact to the respective LATAs would be the same as under Option 1. The 850 NPA for the Jacksonville and Daytona LATAs would be expected to exhaust in September, 2002. The 904 NPA for the Pensacola, Panama City and Tallahassee LATAs would be expected to exhaust in November 2006.

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<sup>2</sup> The 850 NPA is pending North American Numbering Plan Administration approval as a relieving NPA for 904.

c. **Assign New NPA Code to Pensacola and Panama City LATAs  
(Option 2)**

One advantage to this approach is that it impacts fewer subscribers and NNxs than Options 1 and 1a. However, this approach provides a shorter relief interval than those options. The 904 NPA would be expected to exhaust in October, 2000.

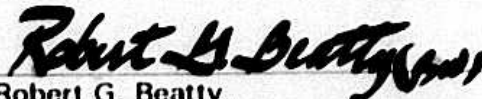
d. **Miscellaneous Options Reviewed**

Several other options were presented to the industry group. These options are described in the minutes attached as Exhibits A and B. The industry group considered these other options, but discarded them as not being viable alternatives.

WHEREFORE, BellSouth respectfully requests the Commission to review all proposed options for a geographical split of the 904 area code to determine which option will best serve the public interest and to enter an order approving the implementation of that geographical split.

Respectfully submitted this 20th day of September, 1996.

BellSouth Telecommunications, Inc.

  
Robert G. Beatty  
J. Phillip Carver  
Stephen M. Klimacek  
c/o Nancy H. Sims  
150 S. Monroe St., Ste. 400  
Tallahassee, Florida 32301  
(305) 347-5561



**904 NPA RELIEF  
INDUSTRY MEETING  
ATTENDANCE LIST - JULY 31, 1996**

<u>NAME</u>	<u>REPRESENTING</u>	<u>ADDRESS</u>	<u>TELEPHONE</u>
Chris Burns	360 Communications	1410 Market St., Suite A-1 Tallahassee, FL 32308	904-847-4130
Barry Barker	Air Touch Paging	1757 Kings Ave. Jacksonville, FL 32207	
Paige Bertini	Air Touch Paging	5125 Adamson St., Suite 500 Orlando, FL 32804	407-741-5529
Harriet Eudy	AllTel	P.O. Box 550 Live Oak, FL 32060	904-364-2517
Cheryl Gordon	AllTel Mobile	One Allied Dr., BIV, 5S Little Rock, AR 72203	501-661-8503
Jim Dalton	AT&T	4815 Executive Park Ct., Bldg. 100 Jacksonville, FL 32219	904-279-0722
Carl Salpietro	AT&T Wireless	2500 Maitland Ctr Pkwy, Room 110 Maitland, FL 32715	407-257-9920
Bill Sawyer	BellSouth	7JJ2 BST 301 W. Bay St., Jkvl, FL 32202	904-350-4541
Al Benson	BellSouth	7JJ2 BST301 W. Bay St. Jacksonville, FL 32202	904-350-3359
Judy Childers	BellSouth	150 W. Flagler St., Room 1801 Miami, FL 33130	305-347-5414
Daryl Johnson	BellSouth	6451 N. Federal Hwy., Room 905 Ft. Lauderdale, FL 33308	954-492-2737
Dan Baeza	BellSouth	6451 N. Federal Hwy., Room 915 Ft. Lauderdale, FL 33308	954-492-3875
E. D. Van Leer	BellSouth	18EE1 BST, 301 W. Bay St. Jacksonville, FL 32202	904-350-2167
M. D. Stewart	BellSouth	301 W. Bay St., Room 300 Jacksonville, FL 32202	904-350-2293
Stan Washer	BellSouth	3535 Colonnade Pkwy, NW1C1 Birmingham, AL 35243	205-977-2668

Barbara Morgan	BellSouth	7DD1 BST, 301 W. Bay St. Jacksonville, FL 32202	904-350-2825
Rande LeFevre	BellSouth	301 W. Bay St., Suite 300 Jacksonville, FL 32202	904-350-4641
Curt Padgett	BellSouth	2475 Seagate Dr. Tallahassee, FL	904-216-3543
George Frazee	BellSouth	150 S. Monroe St., Room 400 Tallahassee, FL 32301	904-224-5139
Charles M. Lewis	BellSouth	13C55 BSC 675 W. Peachtree St. Atlanta, GA 30375	404-529-0936
Susan Isreal	BellSouth Mobility	1100 Peachtree St., Room 14006 Atlanta, GA 30309	404-249-0478
Bill Hopper	Continental Cablevision	4455 Byameadows Rd. Jacksonville, FL 32217	904-419-4886
Ralph Widell	Fla. PSC	Tallahassee, FL	904-413-6550
Donald D. Bowden	Gulf Telecomm.	P.O. Box 1120 Perry, FL 32348	904-584-0942
Lee McDowell	Hyperion Telecom.	5 W. Third St., "King Windows" Coudersport, PA 16915	814-274-6858
Bob Foley	Larsen Cellular	15631 Vinola Dr. Montverde, FL 34756	407-469-3734
Scott Brown	MCI	780 Johnson Ferry Rd. Atlanta, GA 30342	404-250-5936
Jeff Tomblin	Pagenet	3500 Parkway Blvd., Room 450 Norcross, GA	770-368-1011
Garey Merritt	Pagenet	1000 Legion Pl, Room 100 Orlando, FL 32801	407-649-8007
Eric Brissert	Pagenet, Inc.	3500 Parkway Ln., Room 450 Norcross, GA 30092	770-368-1011
Karen Blackburn	Primeco	3728 Phillips Hwy., Suite 360 Jacksonville, FL 32207	904-348-3623
Tom McCabe	Quincy Telephone	P.O. Box 189 Quincy, FL 32351-0189	904-875-5207
Thomas C. Foley	Sprint	P.O. Box 165000, MC4007 Altamonte Springs, FL 32716-5000	407-830-2749
Kathy Taelbee	Sprint	555 Lake Border Drive Apopka, FL	407-889-1592



<b>Brian Craven</b>	<b>Sprint</b>	<b>555 Lake Border Drive Apopka, FL 32703</b>	<b>407-889-6807</b>
<b>Ron Hendricks</b>	<b>St. Joseph Tel.</b>	<b>P.O. Box 220 Port St. Joe, FL 32456</b>	<b>904-229-7271</b>
<b>Robert R. Davis</b>	<b>State of Florida</b>	<b>4050 Esplanade Way Tallahassee, FL 32399-0950</b>	<b>904-922-7473</b>
<b>F. L. "Sam" Houston</b>	<b>State of Florida</b>	<b>4050 Esplanade Way Tallahassee, FL 32399-0950</b>	<b>904-922-7442</b>
<b>Larry Reuter</b>	<b>United States Cellular</b>	<b>6110 N.W. 4th Pl. Gainesville, FL 32615</b>	<b>352-665-4338</b>

**904 NPA RELIEF  
INDUSTRY MEETING**

**July 31, 1996**

**MINUTES**



**904 NPA RELIEF  
INDUSTRY MEETING**  
July 31, 1996

**MINUTES**

The first 904 NPA Relief Industry Meeting was held on Wednesday, July 31, 1996 in the BellSouth Tower Auditorium. Written invitations were extended to interconnection customers, local exchange providers, registered ALICs to date with the Florida Public Service Commission and other interested parties (Attendance list attached).

**PRESENTATION**

Al Bannan (BellSouth) brought the meeting to order at 9:30 A.M. Al covered the meeting objectives and agenda. The meeting proceeded with brief introductions of industry representatives. Following introductions, Stan Washer, Code Administration (BellSouth) discussed code administration issues and a split vs. a wireless only overlay scenario in Texas which is awaiting an FCC decision.

Bill Sawyer (BellSouth) proceeded with a presentation (Slides attached) which summarized the 904 NPA exhaust condition and contributing factors. Daryl Johnson (BellSouth) discussed Local Number Portability and its impact on NPA exhaust.

Hill Sawyer followed Daryl Johnson with population and NXX growth projections for the 904 NPA based in part from The Kriplinger April 24, 1996 Florida Business Letter, recapped the relief objectives per the ICCF NPA Code Relief Planning (slides dated March 8, 1996), and presented various relief options with their pros and cons and recommendations.

Following the relief options, Bill Sawyer defined the transition schedule terminology, presented proposed transition dates and summarized other NPA transitions in progress in Florida. After the presentation, the floor was opened for questions on the presentation material.

**QUESTIONS & ANSWERS**

Ralph Widell (Fla. FSC) inquired about the jeopardy status of the 561 NPA code (relieving code for 407). Stan Washer replied that no decision was made on options discussed in the West Palm Beach meeting on 7/30/96. The mandatory dialing date for 561 was not changed.

Paige Barton (Air Touch Paging) asked about slides included with the meeting notification mailed by Stan Washer. Hill Sawyer responded that the Jacksonville LATAs split option mailed by Stan was not proposed by the North Florida Planning group because it would split the 904 NPA geographically where the Daytona LATA (904 NPA) would not be contiguous with the rest of the 904 NPA.

Donald Bowden (GulfTel) asked if wireless NXXs are broken out vs. wireless. Stan Washer responded that code administration doesn't always know who owns the codes. There are also legal issues concerning the disclosure of code assignments. Stan added that the FCC prohibits the assignment of relief codes to industry segments or specific providers.

A question was raised about the probability of a three-way split. Stan responded that the industry can propose a three-way split which could be approved by NANPA. The pro is that it would provide a longer relief period, and the con is that it would dictate dialing patterns for many years in the future which holds many uncertainties.

Susan Jemel (BellSouth Mobility) commented that an overlay would provide twice the relief interval. Ralph Widell strongly disagreed that there is no long-term supporting data.

A question on the impact of Local Number Portability was raised. Daryl Johnson stated that we are mandated LNP. He also commented that LNP will affect NPA exhaust by the year 2000.

A break was taken after questions were answered.

**DISCUSSION**

Al Bannan summarized the various relief options, reviewed the proposed transition dates and opened the floor for Industry Discussion. Kurva Blackburn (Prismo) requested a review of slides on geographical split 1, 1A and 2 for the number of affected customers for each scenario.

Tom Foley (Sprint) reminded the industry of the relief planning objectives of providing the longest relief period and minimizing number changes. He also felt that we shouldn't segment the industry.

Paige Barton commented on the previous 904 Industry Meeting that the consensus was not to change the Tallahassee LATA. Stan Houston (State of Florida) requested that the industry not change the Tallahassee LATA. He stated that a Tallahassee change would cost the state \$500K to change State Telephones and affect 14 million people. The State prefers split 1A, but could live with option 2.

**904 NPA RELIEF  
INDUSTRY MEETING  
July 31, 1996**

**MINUTES**

Stan Washer pointed out that a large customer was stating the impact on number changes, but that other customers could make the same argument. Sam Houston rebutted by saying that his area covers the entire state, not just one county or LATA.

Donald Howden would like a three-way split, and wished we would have done one in 1995.

George Frazee stated that splitting on LATA boundaries might work for the industry, but not necessarily for the customers. He asked if a split could be accomplished outside LATA boundaries. The industry responded that it is not easily done at this time.

Susan Israel stated that the impact on the wireless industry has not been adequately evaluated. She urged that the decision to relieve the 904 NPA be postponed.

Dan Hanza (BellSouth) questioned that cellular phones do not have to be touched by the wireless provider in order to change numbers. He told the industry that his wife reprogrammed her cellular phone in South Florida. Dan inquired about deadlines for Industry Notification. Stan Washer responded that notification has to appear in the IERG twice. The next IERG issue is 9/1/96. He also stated that we must try to avoid overlap with the 561 mandatory dialing date.

Ralph Widell stated that the PSC does not get involved in Industry Recommendations when there is industry consensus.

Harriet Eady (Alltel) stated that she prefers option 2. Jeff Tomlin (Pagmat) would like an overlay. Tom Foley said Sprint cannot handle a simultaneous 3-way split, only staggered. Karen Blackburn stated that she could not support an overlay.

Al Hansen compiled a list of plans for voting.

Plan 1 850 - Pensacola, Panama City & Tallahassee LATAs  
904 - Jacksonville & Daytona LATAs

Plan 1A 904 - Pensacola, Panama City & Tallahassee LATAs  
850 - Jacksonville & Daytona LATAs

Plan 1AM Modified with Daytona LATA getting a new NPA  
904 - Pensacola, Panama City & Tallahassee LATAs  
850 - Jacksonville LATA  
xxx - Daytona LATA

Plan 2 904 - Tallahassee, Jacksonville & Daytona LATAs  
850 - Pensacola & Panama City LATAs

Plan 2A Modified plan 2 includes a future overlay for 904 NPA  
904 - Tallahassee, Jacksonville & Daytona LATAs  
850 - Pensacola & Panama City LATAs  
xxx - Future overlay for 904

Plan 2B 850 - Pensacola & Panama City  
904 - Jacksonville & Tallahassee  
xxx - Daytona

Plan 3 Overlay for 904

**904 NPA RELIEF  
INDUSTRY MEETING**

July 31, 1996

**MINUTES**

The following is a summary of three votes taken on the above plans

VOTE	1	1A	1A-mod	2	2A	2B	3
	1		9	7	1		2

It was agreed by the industry to drop options 1, 1A, 2A 2B and 3 from further consideration after receiving little or no votes. A re-vote was taken on the two major contending plans. The following is the result of that vote

VOTE	1A-mod	2
	11	8

The 1A modified option was dropped from further consideration after Stan contacted NANPA about the possibility of a new NPA for the Daytona LATA, and was told that NANPA would not support it. Subsequent to that, Al added that BellSouth could not support the splitting of the Jacksonville LATA due to the strong community of interest between the city of Jacksonville and its surrounding communities. The following is the vote after dropping the 3-way split option 1A-mod and reinstating the 1A option

VOTE	1A	2
	11	8

After much discussion on the three votes which did not result in an industry consensus, the industry discussed alternatives which would be acceptable to the opposing parties. Another alternative arose which splits the Jacksonville LATA into a new NPA by itself. This would isolate the Daytona LATA from the rest of the 904 NPA. This alternative was added with a tentative consensus for consideration at the next industry meeting.

The industry agreed to reconvene on Thursday, August 15, 1996, to attempt to reach an industry consensus on a 904 NPA relieving plan

The meeting was adjourned at 4:45 P.M.

Minutes compiled by:  
Bill Sawyer  
Planner - BellSouth  
904-350-4541

Attachments (2)  
Attendance List  
Presentation slides



904 NPA

INDUSTRY MEETING

WELCOME!

*BellSouth Tower Auditorium*

*Jacksonville, Florida*

*July 31, 1996*

904 NPA

INDUSTRY MEETING

WELCOME!

*BellSouth Tower Auditorium*

*Jacksonville, Florida*

*July 31, 1996*

**904 NPA  
INDUSTRY MEETING**

**Moderator:  
Al Benson - BellSouth**



**MEETING OBJECTIVES**

- ◆ Reach an Industry Consensus on a **904 NPA relief plan.**
- ◆ Set transition dates.





# 904 NPA INDUSTRY MEETING

## CODE ADMINISTRATION ISSUES:

Stan Washer - BellSouth

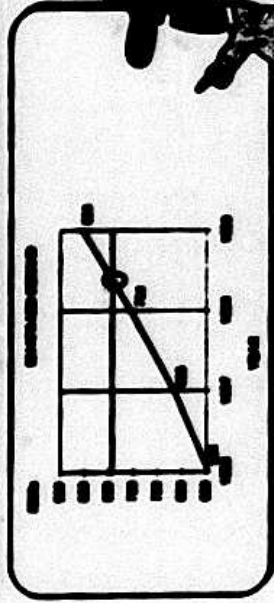


## NPA CODE ACTIVATIONS 1996

New NPA	Area	Existing NPA	Relief Type	Permittee	Permittee Date	Relief Date	Relief Date
373	Michigan	316	Spin		01-07-96	01-07-96	
817	Illinois	718	Spin		01-28-96	01-28-96	
872	Vermont	214	Spin	TBA	TBA	TBA	
787	Penn State	809	New		02-01-96	01-31-97	
336	Ohio	216	Spin		02-09-96	02-29-96	
328	Massachusetts	012	Spin		02-17-96	02-13-96	
288	Arizona/California	809	New		04-01-96	01-31-97	
361	California/Arizona	607	Spin		05-13-96	05-13-97	
366	Colorado	809	New		07-01-96	01-13-97	
757	Virginia	804	Spin		07-01-96	02-01-97	
2388	St. Louis	809	New		07-03-96	01-01-97	
6688	Wisconsin	809	New		07-03-96	06-01-97	
836	Illinois	788	Spin		08-03-96	11-30-96	
9378	Ohio	713	Spin		08-28-96	08-14-97	
242	Georgia	809	New		10-01-96	02-31-97	
773	Illinois	312	Spin		10-13-96	01-11-97	
336	St. Columbia	606	Spin		10-19-96	04-04-97	



**WHY DO WE NEED A RELIEF PLAN?**



◆ Because the 904 NPA is projected to exhaust in May, 1998!

**WHAT CONTRIBUTED TO THIS EXHAUST?**



**Increased sales of:**

- ★ Fax Machines
- ★ Pagers
- ★ Cellular Telephones
- ★ Computer modems
- ★ Multiple Business Lines
- ★ Multiple Home Lines

**904 NPA  
INDUSTRY MEETING**

**Moderator:**  
**Al Benson - BellSouth**



**MEETING OBJECTIVES**

- ◆ Reach an Industry Consensus on a **904 NPA** relief plan.
- ◆ Set transition dates.





## MEETING AGENDA

- OPENING REMARKS / HOUSEKEEPING - Al Swann
- INTRODUCTIONS
- CODE ADMINISTRATION ISSUES - Sam Brubaker
- PRESENTATION
  - Keep the 904 NPA relevant condition - Bill Sawyer
  - Local Number Portability - Cheryl Johnson
  - Subscriber relief options - Bill Sawyer
  - Questions & answers
- BREAK
- RELIEF OPTIONS SUMMARY - Al Swann
- OPEN DISCUSSION - Moderated by Al Swann
- INDUSTRY RECOMMENDATION - Moderated by Al Swann



904 NPA

## INDUSTRY MEETING

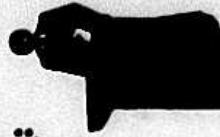
### Introductions



# 904 NPA INDUSTRY MEETING

## CODE ADMINISTRATION ISSUES:

Stan Washer - *BellSouth*



## NPA CODE ACTIVATIONS 1996

Area	Exhausting NPA	Relief Type	Permitter Start Date	Mandatory Start Date
Missouri	314	Spin	01-07-96	01-07-96
Illinois	708	Spin	01-20-96	04-20-96
Texas	314	Spin	VDA	VDA
Peoria R/c	809	Man	03-01-96	01-31-97
Ohio	214	Spin	03-09-96	06-20-96
Minnesota	612	Spin	03-17-96	05-15-96
Arizona	809	Man	04-01-96	03-31-97
Central Florida	407	Spin	05-15-96	01-15-97
Barbados	808	Man	07-01-96	01-15-97
Virginia	804	Spin	07-01-96	02-01-97
St. Louis	809	Man	07-01-96	01-01-97
Wisconsin	809	Man	07-01-96	06-01-97
Illinois	708	Spin	08-09-96	11-20-96
Ohio	313	Spin	09-20-96	06-14-97
Alabama	809	Man	10-01-96	03-31-97
Illinois	312	Spin	10-15-96	01-11-97
St. Columbia	808	Spin	10-19-96	04-00-97





**NPA CODE ACTIVATIONS  
1997**

New NPA Area	Existing NPA	Relief Type	Permit to Build Date	Mandatory Build Date
850 North Florida	904	TBD	TBD	TBD
562 California	310	Split	01-25-97	07-26-97
760 California	619	Split	01-22-97	09-27-97
8680 Trinidad/Tobago	809	New	06-01-97	05-31-98
2400 Maryland	301	Overlays	06-01-97	N.A.
4430 Maryland	410	Overlays	06-01-97	N.A.
626 California	818	Split	06-14-97	01-17-98
440 Ohio	216	Split	06-28-97	01-03-97
777 Louisiana	504	TBD	1Q97	1Q98
777 Georgia	404	TBD	1Q97	1Q98
777 Georgia	770	TBD	3Q97	3Q98
777 North Carolina	910	TBD	3Q97	3Q98
777 North Carolina	704	TBD	3Q97	3Q98
777 Tennessee	615	TBD	3Q97	3Q98
777 Mississippi	601	TBD	3Q97	3Q98



**904 NPA  
INDUSTRY MEETING**

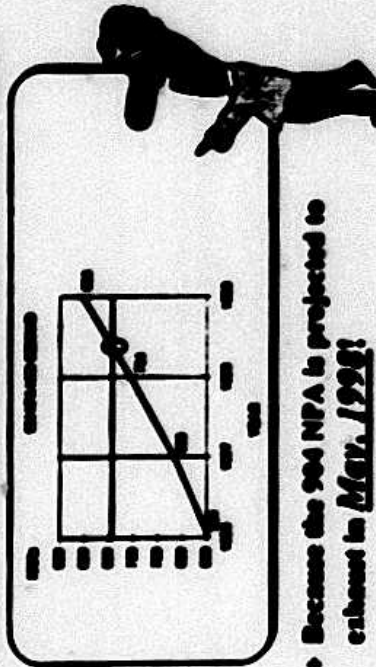
**Presenter:**

**Bill Sawyer - BellSouth**



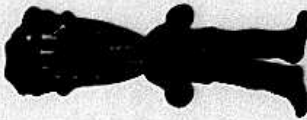


**WHY DO WE NEED A RELIEF PLAN?**



◆ Because the 904 NPA is projected to exhaust in **May, 1998!**

**WHAT CONTRIBUTED TO THIS EXHAUST?**

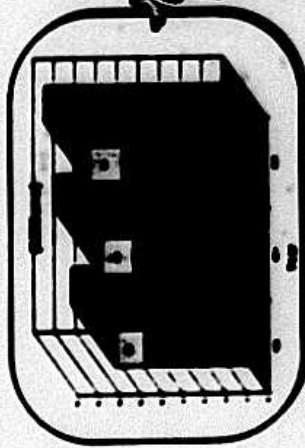


**Increased sales of:**

- ★ Fax Machines
- ★ Pagers
- ★ Cellular Telephones
- ★ Computer modems
- ★ Multiple Business Lines
- ★ Multiple Home Lines

**WHAT CONTRIBUTED TO THIS EXHAUST?**

**Florida's population *growth* rate,**



"

**WHAT CONTRIBUTED TO THIS EXHAUST?**

**and the emergence of telecommunications competition**  
As a result of the recent passage of federal and state Telecommunications Reform Acts.



"

**IMPACT OF  
NUMBER PORTABILITY**

**Daryl Johnson - BellSouth**



**LONG TERM LOCAL  
NUMBER PORTABILITY**

**Florida Status & Issues**



**LOCAL NUMBER PORTABILITY  
TYPES**

- Local Service Provider Portability (LSPP)
- Location Portability (LP)
- Service Portability (SP)

**TOPICS**

- Local Number Portability Types
- FCC Docket 96-116
- NPA IMPACTS
- FLORIDA TOP MSA's

### **FCC DOCKET 95-116**

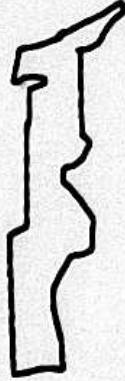
- Issued 6-27-96
- No technical solution recommended
- Top 100 MSA's in USA Identified
- Start phased deployment NLT 10-1-97 and complete NLT 12-31-98

### **NPA IMPACTS**

- Local Competition is Key Driver
- LNP is Mechanism
- Local Competitors will require parallel NXX's on a RATE CENTER BASIS
- Potential NPS(s) exhausts(s) in large competitive markets.

**FLORIDA TOP MSA's**

<b>RANKING</b>	<b>MSA</b>
23	Tampa
24	Miami
39	Fort Lauderdale
40	Orlando
58	Jacksonville
62	West Palm Beach
93	Sarasota



**WHERE IS THE GROWTH IN THE  
904 NPA PROJECTED?**



### 904 NPA POPULATION GROWTH PROJECTIONS

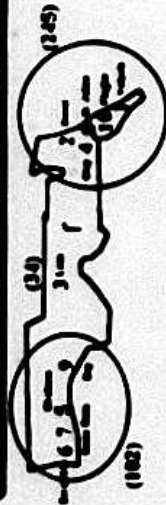
based on The Flypaper April 24, 1996 Florida Business Letter

#### Top 10 fastest growing counties in the 904 NPA

Rank	County	Lowest Est.	1994 Est.	1995 Est.	Yr. Growth	1996 Est.
1	Volusia	411.9	497.7	558	14.6%	658
2	DeKalb	727.1	810.3	932	16.3%	1100
3	Leon	320.0	350.0	390	12.5%	450
4	Clay	124.1	135.8	147.5	9.4%	159.2
5	Okaloosa	183.3	192.7	202.1	5.1%	211.5
6	Escambia	200.0	213.3	226.6	6.7%	240.0
7	Santa Rosa	98.9	103.9	108.9	5.1%	113.9
8	St. Johns	100.7	106.7	112.7	6.0%	118.7
9	Bay	141.3	151.3	161.3	7.1%	171.3
10	Flagler	30.0	30.7	31.4	2.3%	32.1
<b>Totals</b>		<b>2312.7</b>	<b>2499.2</b>	<b>2685.7</b>	<b>16.7%</b>	<b>2872.2</b>

### 904 NPA POPULATION GROWTH PROJECTIONS

based on The Flypaper April 24, 1996 Florida Business Letter



1996-2045 Population Projections, Escambia







## 904 NPA RELIEF OPTIONS

- ◆ Geographical splits
- ◆ Overlays
- ◆ NPA boundary realignments



Per FCC NPA Code Book Planning Guidelines - March 8, 1994

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## GEOGRAPHICAL SPLIT

- ◆ The NPA is divided into geographic areas, with the existing NPA serving the largest number of subscribers.
- ◆ Usually divided by jurisdictional, natural or physical boundaries.
- ◆ In the U.S., geographic NPA codes do not extend beyond state lines.





## GEOGRAPHICAL SPLIT

(cont'd)

### Advantages:

- ◆ Generally provides long term relief for an area.
- ◆ Traditional plan generally supported by PSCs.
- ◆ Easily understood by customers.

### Disadvantages:

- ◆ Requires number changes for some customers.
- ◆ Transition period required.



## GEOGRAPHICAL SPLIT STRATEGY



Split on LATA boundaries because:

- ◆ It does not disturb local calling areas.
- ◆ Reduces the operations work effort, shortening the transition period.



The new 904 NPA relieving code is:

**850**



\* Pending NANPA approval

**Geographical Split #1**

SPLIT-OFF Panama, Panama City & Tallahassee Latex



LATA	Population		Code		MILES		Code
	1976	2000	1976	2000	1976	2000	
Panama	575	653	00	112	196	306	900
Panama City	209	307	26	81	130	300	130
Tallahassee	282	336	41	74	103	103	117
850 NPA	1109	1326	107	267	427	627	39
Jacksonville	1214	1704	100	251	751	751	304
Daytona	409	544	104	75	100	100	900
904 NPA	1632	1928	204	326	1010	1010	193
							697

Exchange - 904 NPA - 10/2002  
 850 NPA - 11/2006



**Geographical Split #1-a**  
SPLIT-OFF Jacksonville & Duval Counties



LATA	1974	1976	Gain	1974	Gain	Gain
Peninsula	575	643	68	2065	2065	338
Peninsula City	397	347	50	112	112	338
Tallahassee	285	326	41	81	81	137
904 NPA	1057	1016	167	193	193	12
						294
Jacksonville	1314	1394	180	74	74	900
Duval	459	548	89	251	251	193
839 NPA	1059	1064	5	25	25	603

Exhaust - 839 NPA - 107000  
904 NPA - 117000

**Geographical Split #2**  
SPLIT-OFF Pensacola & Panama City Leases



LATA	1974	1976	Gain	1974	Gain	Gain
Peninsula	575	643	68	2065	2065	338
Peninsula City	397	347	50	112	112	338
904 NPA	804	1016	216	81	81	137
Tallahassee	285	326	41	193	193	545
Jacksonville	1314	1394	180	74	74	29
Duval	459	548	89	251	251	900
904 NPA	1059	1064	5	25	25	152
						722

Exhaust - 904 NPA - 37000  
839 NPA - 67000



**Geographical Split #3**  
SPLIT-OFF the Pensacola Lots



LATA	Population (000)		Cable	Cable	NEXUs
	1994	2000			
Pensacola	575	663	00	00	200
Pensacola City	349	347	30	01	200
Tallahassee	303	336	41	74	100
Jacksonville	1314	1374	100	251	751
Daytona	649	841	101	72	300
904 NPA	2240	2637	243	407	1300

Exhaust - 904 NPA - 1/2000  
800 NPA - 3/2003

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**Geographical Split #4**  
SPLIT-OFF the Daytona Lots



LATA	Population (000)		Cable	Cable	NEXUs
	1994	2000			
Pensacola	575	663	00	00	200
Pensacola City	349	347	30	01	200
Tallahassee	303	336	41	74	100
Jacksonville	1314	1374	100	251	751
904 NPA	2383	2770	347	510	1012
Daytona	649	841	101	75	300

Exhaust - 904 NPA - 7/1999  
800 NPA - 11/2003

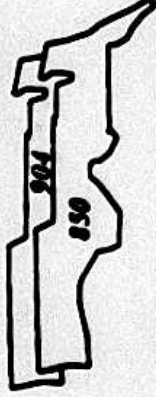
31

### Geographical Relief Plans Exhaust Summary

800 NPA Spill-off Lots	800 NPA Est. Serv	900 NPA Est. Serv	900 NPA Est. Serv	900 NPA Lots
1 Pecos Pecos City Tahshere	117,000	109,000	109,000	Jacksboro Dayton
2 Jacksboro Dayton	104,000	117,000	117,000	Pecos Pecos City Tahshere
3 Pecos Pecos City	67,000	57,000	57,000	Tahshere Jacksboro Dayton
4 Pecos	50,000	50,000	50,000	Pecos City Tahshere Jacksboro Dayton
5 Dayton	107,000	107,000	107,000	Pecos Pecos City Tahshere Jacksboro

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### OVERLAY



- ◆ Serves the same geographic area.
- ◆ Growth is assigned to the new NPA on a first come, first serve basis.



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### PARTIAL OVERLAY



- ◆ Overlays part of the geographic area.



### OVERLAY



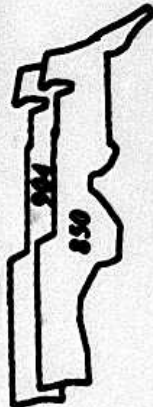
#### Advantages:

- ◆ Does not require number changes.
- ◆ Eliminates the permissive dialing period.
- ◆ Technically easier.





## OVERLAY



### Disadvantages:

- ◆ Requires local 10-digit dialing.  
(May be required in the near future)
- ◆ May confuse customers.
- ◆ May cause mis-dialed numbers.
- ◆ May increase calls to directory assistance.

## OVERLAY



An overlay is not proposed for the following reasons:

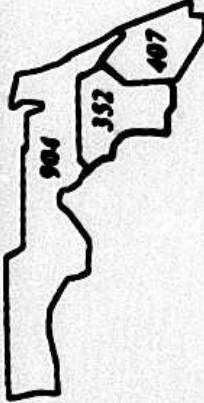
- ◆ Requires local 10-digit dialing.
- ◆ The Florida PSC has not supported overlay plans for Florida in the past.

## NPA BOUNDARY REALIGNMENT

- Used when the existing NPA is next to one which has spare NXX capacity. A boundary shift is made to utilize the spare codes in the adjacent NPA.
- Number changes are required by only those customers in the boundary shift.
- Provides a better balance of central office code utilization.
- It is an interim relief measure, providing a shorter term relief than adding a new NPA.



## NPA BOUNDARY REALIGNMENTS



- 904 & 352 NPA
- 904 & 407 NPA
- 904 & 352 & 407



## NPA BOUNDARY REALIGNMENTS

A 904 NPA boundary realignment is not proposed for the following reasons:

### 487 NPA

- There are numerous code conflicts with the 487 NPA.
- The 487 NPA was recently relieved due to growth.
- A realignment will cause the premature exhaust of the 487 NPA.

### 352 NPA

- The 352 NPA was recently split from 904 to provide 904 relief.

## TRANSITION SCHEDULES

### Definitions:

#### Permissive dialing period

- The period when calls placed to the new NPA can be completed by dialing either the new or old NPA.
- Can be as short as four (4) months or as long as two (2) years.
- Central office codes cannot be duplicated during this period.

#### Mandatory dialing

- Calls to the old NPA in the new serving area will not be allowed to complete (end of permissive dialing).



**PROPOSED TRANSITION DATES**

◆ **Begin Permissive dialing:**

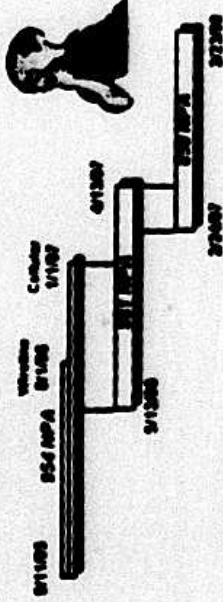
**February 24, 1997**

◆ **Mandatory dialing:**

**February 23, 1998**



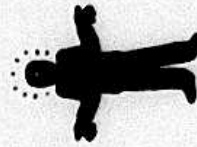
**PROPOSED TRANSITION SCHEDULE  
Considerations**



**Legend:**  
 811 : Including call for 811 use  
 854 : Including call for 811 use  
 854 : Including call for 811 use

Presentation

Questions & Answers



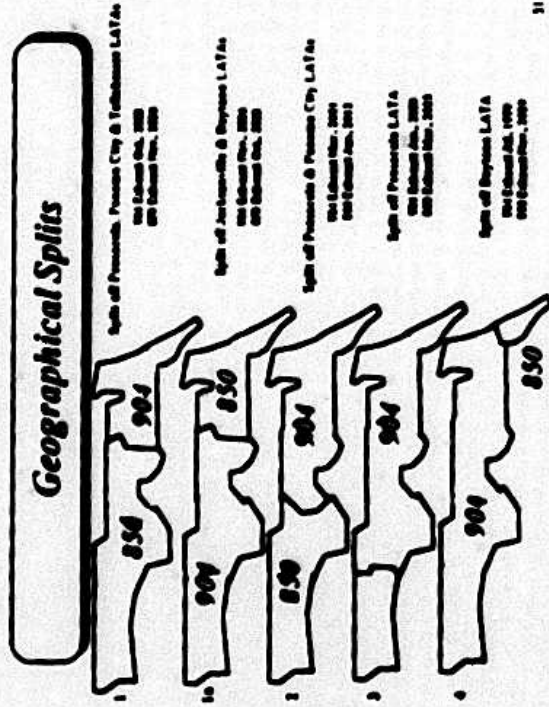
Break



# 904 NPA RELIEF OPTIONS

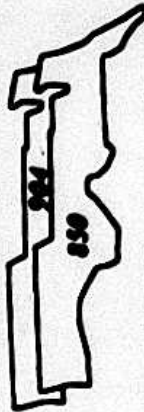
## Summary

Al Benson - BellSouth





**OVERLAYS**



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**NPA BOUNDARY REALIGNMENTS**



904 & 352 NPA

904 & 407 NPA

904 & 352 & 407



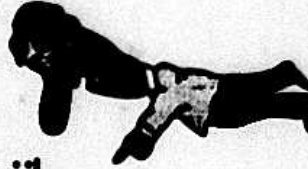
**PROPOSED TRANSITION DATES**

◆ **Begin Permissive dialing:**

*February 24, 1997*

◆ **Mandatory dialing:**

*February 23, 1998*



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**INDUSTRY**

**OPEN DISCUSSION**



Moderated by:

**Al Benson - BellSouth**

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**INDUSTRY  
RECOMMENDATION**

Manufactured by:  
**Al Benson - BenSouth**





**904 NPA RELIEF  
INDUSTRY MEETING  
ATTENDANCE LIST - AUGUST 22, 1996**

<b><u>NAME</u></b>	<b><u>REPRESENTING</u></b>	<b><u>ADDRESS</u></b>	<b><u>TELEPHONE</u></b>
Chris Burns	360 Communications	1410 Market St., Suite A-1 Tallahassee, FL 32308	904-847-4130
Ronald Meyer	360 Communications	2110 Centerville Rd., Suite A Tallahassee, FL 32308	904-847-4018
Barry Barker	Air Touch Paging	1757 Kings Ave. Jacksonville, FL 32207	904-396-1510
Billy Wall	Air Touch Paging	5125 Adamson St., Room 500 Orlando, FL 32804	407-741-5581
Harriet Eudy	AllTel	P.O. Box 550 Live Oak, FL 32060	904-364-2517
Cheryl Gordon	AllTel Mobile	One Allied Dr. BIV, 5 South Little Rock, AR 72203	501-661-8503
Dale Wicker	AllTel Mobile	7525 N.W. 4th Blvd. Gainesville, FL	
Chris Smith	AllTel Mobile	7525 N.W. 4th Blvd. Gainesville, FL 32607	
Carl Salpietra	AT&T Wireless	2400 Maitland Cir Pkwy, Room 110 Maitland, FL 32751	407-257-9920
Jim Dalton	AT&T	4815 Executive Park Ct, Bldg 100 Jacksonville, FL 32219	904-279-0722
John Giannella	AT&T Wireless	250 Australian Ave. S., 9th Flr. West Palm Beach, FL 33401	561-655-7444
Charles M. Lewis	BellSouth	13C55 BSC 675 W. Peachtree St. Atlanta, GA 30375	404-529-0936
Curt Padgett	BellSouth	2475 Seagate Dr., Room 200 Tallahassee, FL 32301	904-216-3543
Stan Washer	BellSouth	3535 Colonnade Pkwy., NW1C1 Birmingham, AL 35243	205-977-2668
George Frazee	BellSouth	1505 Monroe St. Tallahassee, FL 32301	904-224-5139

Judy Childers	BellSouth	150 W. Flagler St Miami, FL 33130	305-347-5414
Bill Sawyer	BellSouth	7JJ2 BST, 301 W. Bay St. Jacksonville, FL 32202	904-350-4541
Allen Benson	BellSouth	7JJ2 BST, 301 W. Bay St. Jacksonville, FL 32202	904-350-3359
Rande LeFevre	BellSouth	301 W. Bay St., Suite 300 Jacksonville, FL 32202	904-350-4641
E. D. Van Leer	BellSouth	18EE1 BST, 301 W. Bay St. Jacksonville, FL 32202	904-350-2167
M.D. Stewart	BellSouth	301 W. Bay St., Suite 300 Jacksonville, FL 32202	904-350-2293
Barbara Morgan	BellSouth	7EE1 BST, 301 W. Bay St. Jacksonville, FL 32202	904-350-2825
Ron Burleson	BellSouth Cellular	1100 Peachtree St., Room 1400 Atlanta, GA 30309	404-249-0455
Susan Isreal	BellSouth Cellular	1100 Peachtree St., Room 1400B Atlanta, GA 30309	404-249-0478
Bill Hopfer	Cont. Fl. Telecom	4455 Baymeadows Rd. Jacksonville, FL 32217	904-419-4886
Ralph Widell	Fla. PSC	Tallahassee, FL	904-413-6550
Randy Adams	Florida Tel.	P.O. Box 186 Florida, AL 36442	334-858-3211
Grady Adair	GTE	Box 110, MCFLTC0816 Tampa, FL 33606	813-224-4663
Skip Gancprz	GTE	Gox 110, MCFLTPO836 Tampa, FL 33601	813-224-4663
Jeff McNary	GTE Mobinet	2114 Airport Blvd., Suite 2000 Pensacola, FL 32504	904-505-4635
Donald D. Bowden	Gulf Telephone	P.O. Box 1120 Perry, FL 32348	904-584-0942
Lynne Brewer	Northeast Florida Telephone	130 N. 4th St. MacClenny, FL 32063	904-259-9097
Fred Lemka	Palmer Wireless	2308 Veterans Pkwy. Columbus, GA 31904	706-575-9988
Karen Blackburn	Primeco	3728 Phillips Hwy., Suite 360 Jacksonville, FL 32207	904-348-3623

Thomas C. Foley	Sprint	P O Box 165000 Altamonte Springs, FL 32716-5000	407-830-2749
Barbara Green	Sprint	P.O. Box 165000 Altamonte Springs, FL 32716-5000	407-830-3245
Jim Boykin	St Joe Comm. Inc.	502 5th St., P O Box 1007 Port St. Joe, FL 32456	904-227-7272
Ron Hendricks	St Joseph Tel	P O Box 220 Port St. Joe, FL 32456	904-229-7271
Bob David	State of Florida	4050 Esplanade Way Tallahassee, FL 32399-0950	904-922-7473
F.L. "Sam" Houston	State of Florida	4050 Esplanade Way Tallahassee, FL 32399-0950	904-922-7442
Larry Reuter	United States Cellular	6110 N.W. 4th Pl. Gainesville, FL 32605	352-665-4332
Alex Madlinger	United States Cellular	2735 Capital Cir NE Tallahassee, FL 32308	904-570-0000



**904 NPA RELIEF  
INDUSTRY MEETING**

**August 22, 1996**

**MINUTES**

**904 NPA RELIEF  
INDUSTRY MEETING**  
August 22, 1996

**MINUTES**

The second NPA Relief Industry Meeting was held on Thursday, August 22, 1996 in the BellSouth Tower Auditorium. Written invitations were extended to interconnection customers, local exchange providers, registered ALECs to-date with the Florida Public Service Commission and other interested parties.

**PRESENTATION**

Al Benson (BellSouth) brought the meeting to order at 10:00 AM. Al covered the meeting objectives and agenda. The meeting proceeded with brief introductions of industry representatives (Attendance list attached).

Bill Sawyer (BellSouth) proceeded with a review (Slides attached) of the 904 NPA exhaust condition and contributing factors: population and NXX growth projections, recapped the relief objectives, reviewed the various relief options and the proposed transition dates. After the presentation, Bill opened the floor for questions. There were no questions on the presentation material.

Al Benson reviewed the potential impact of Local Number Portability (LNP) on future Area Code relief plans. Al proceeded with a recap of the industry votes from the first industry meeting held on July 31, 1996.

**DISCUSSION**

John Giannella (AT&T Wireless) asked if the industry could consider all options, not just the ones selected from the last meeting.

Tom Foley (Sprint) asked who would be allowed to vote. Al replied that industry members (not necessarily code holders) could vote.

After further discussion, it was decided that only code holders and long distance companies could vote. The following is a listing of voting industry members:

Altel, 360 Communications, Primaco, Gulf Telephone, Northeast Florida Tel., BellSouth Mobility, GTE Mobinet, AT&T Wireless, GTE, Altel Mobile, Palmer Wireless, BellSouth, Sprint, U.S. Cellular, St. Joseph Tel., Florida Tel., Continental, St. Joseph Comm., Air Touch Paging.

Al Benson reviewed the three relief options selected from the previous industry meeting for consideration:

- Plan 1A 904 - Panama City & Tallahassee LATAs  
850 - Jacksonville & Daytona LATAs
- Plan 2 904 - Tallahassee, Jacksonville & Daytona LATAs  
850 - Panama City & Panama City LATAs
- Plan 5 904 - Panama City, Panama City, Tallahassee and Daytona LATAs  
850 - Jacksonville LATA

For record purposes, the following is a summary of plan 1:

- Plan 1 850 - Panama City & Tallahassee LATAs  
904 - Jacksonville & Daytona LATAs

Al Benson stated that BellSouth could not support option 5. He listed the following pros and cons with option 5:

**Pros:**  
Limited cross-NPA local calling.  
16 fewer code changes (compared to option 1)

**Cons:**  
58 more code changes (Compared with option 2)  
It makes Daytona non-contiguous with the rest of the 904 NPA.  
Limits subsequent NPA relief options.  
Affects large number of cellular customers.  
Would cause 2nd impact on cross-NPA local calling.

John Giannella asked why the industry wasn't discussing Plan 1, which has the longest relief option.

The industry discussed Option 2, which would require several codes protected due to local calling between the Tallahassee and Panama City LATAs. It also discussed Option 1A, which has the most number changes required.

# 904 NPA RELIEF INDUSTRY MEETING

August 22, 1996

## MINUTES

Donald Bowden (Gulf Telephone) stated that he still favors a three-way split

After much discussion, the industry agreed that option 1 was not acceptable to the State of Florida Department of Management Services

The industry further discussed an overlay option in addition to option 2. Sam Houston (State of Florida Department of Management Services) stated that this was not acceptable to the state

The industry discussed a three-way split. It concluded that this wouldn't be feasible because it would require a split within LATAs, disturbing local calling areas.

Cheryl Gordon (Alltel Mobile) asked if NANPA would accept plan 2. Stan Washer (BellSouth Code Administration) stated that as long as the gap isn't over 15 years, it will most likely be accepted.

After further discussion, a vote was taken on three contending plans. The following is the result of that vote:

Plan	1	1A	2
Vote	2	9	6

The following was a re-vote on the above proposals, eliminating plan 1:

Plan	1A	2
Vote	10	8

Ralph Widell (Fla. PSC) stated that the vote represented geographical interests, not what is best for the industry.

Following more discussion, the industry voted on who could live with what plan from alternatives 1, 1A & 2. The following is the result of that vote:

Company	Alternative	Alternative
Alltel	1	2, 1A
360 Comm.	1A	2, 1
Primeco	1	2, 1A
Gulf Telephone	1A	None
N.E. Fla.	1	2, 1A
BellSouth Cellular	2	1
GTE Mobline	1A	2, 1
AT&T Wireless	1	2
GTE	Abstained	Abstained
Alltel Mobile	2	1, 1A
Palmer Wireless	1A	None
BellSouth	2	1, 1A
Sprint	1	1A, 2
U.S. Cellular	1A	1, 2
St. Joseph's Tel.	1A	None
Florida	1A	None
Continental	1	2
St. Joe Comm.	1A	None
Airtouch Paging	1	1A, 2

After further discussion, no consensus could be reached. The 904 NPA relief method will be referred to the Florida Public Service Commission for resolution.

Minutes compiled by:  
Bill Sawyer  
Planner - BellSouth  
904-350-4341

Attachments (2)  
Attendance List  
Presentation slides



904 NPA

INDUSTRY MEETING

WELCOME

BellSouth Tower Auditorium

*Jacksonville, Florida*

*Thursday - August 22, 1996*

# 904 NPA INDUSTRY MEETING

**Moderator:**

**Al Benson - BellSouth**



# MEETING AGENDA

- **OPENING REMARKS / HOUSEKEEPING - Al Benson**
- **INTRODUCTIONS**
- **PRESENTATION - Bill Sawyer**  
Review the 904 NPA cabinet condition  
Seminar for relief options  
Questions & answers
- **RELIEF OPTIONS SUMMARY - Al Benson**
- **OPEN DISCUSSION - Moderated by Al Benson**
- **INDUSTRY RECOMMENDATION - Moderated by Al Benson**



**MEETING OBJECTIVES**

- ◆ Reach an Industry Consensus on a 904 NPA relief plan.
- ◆ Set transition dates.



**904 NPA**

**INDUSTRY MEETING**

*Introductions*



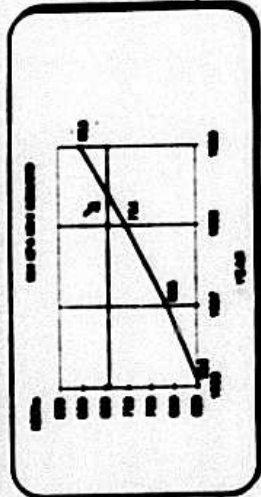


# 904 NPA INDUSTRY MEETING



**Presenter:**  
**Bill Sawyer - BellSouth**

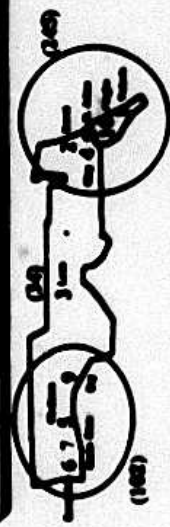
**WHY DO WE NEED A RELIEF PLAN?**



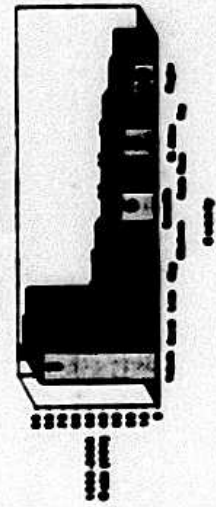
◆ Because the 904 NPA is projected to exhaust in **MAY, 1998!**

**204 NPA POPULATION GROWTH PROJECTIONS**

Based on The Ledger, April 24, 1966 Florida Business Letter



1966-1980 Population Projections, County



**994 NPA POPULATION GROWTH PROJECTIONS**

Based on The Ledger, April 24, 1966 Florida Business Letter



**LATA**

PENSACOLA		PANAMA CITY		TALLAHASSEE		JACKSONVILLE		DAYTONA	
County	1966	County	1966	County	1966	County	1966	County	1966
Escambia	177	Bay	110	Falterm	11	Bea	17	Flagler	11
Okaloosa	17	Calhoun	10	Leon	13	Bradford	17	Volusia	11
Santa Rosa	17	Franklin	11	Madison	11	Clay	11		
Walton	11	Washington	11	Wade	11	Alachua	11		
		Gulf	11	Wakulla	11	Suwannee	11		
		Madison	11			Levy	11		
		Falterm	11			Putnam	11		
		Liberty	11			St. Johns	11		
		Washington	11			Sebastian	11		
						Volusia	11		
<b>TOTAL</b>	<b>109</b>	<b>137</b>	<b>104</b>	<b>101</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

### 904 NPA RELIEF OBJECTIVES

- ◆ Provide the lowest relief period
- ◆ Minimize number changes
- ◆ Minimize technical and operational impacts



Per NCCF NPA Code Relief Planning Guidelines - March 8, 1994

### 904 NPA RELIEF OPTIONS

- ◆ Geographical splits
- ◆ Overlays
- ◆ NPA boundary realignments



Per NCCF NPA Code Relief Planning Guidelines - March 8, 1994



## GEOGRAPHICAL SPLIT

- ◆ The NPA is divided into geographic areas, with the existing NPA serving the largest number of subscribers.
- ◆ Usually divided by jurisdictional, natural or physical boundaries.
- ◆ In the U.S., geographic NPA codes do not extend beyond state lines.



## GEOGRAPHICAL SPLIT STRATEGY



Split on LATA boundaries because:

- ◆ It does not disturb local calling areas.
- ◆ Reduces the operations work effort, shortening the transition period.



### Geographical Split #1

SPLIT-OFF Peasarch, Peasarch City & Tallahassee Lines



LATA	Population		Gain	1994	NLRs	Gain
	1994	2000				
Peasarch	575	643	66	1	112	336
Peasarch City	269	347	78	1	81	137
Tallahassee	288	336	48	1	74	112
850 NPA	1132	1326	194	3	267	585
Jacksonville	1314	1394	80	1	231	308
Daytona	646	646	0	1	72	137
904 NPA	1960	1920	40	2	326	585

Exhaust - 904 NPA - 09/2002  
850 NPA - 11/2005

### Geographical Split #1-a

SPLIT-NPF Jacksonville & Daytona Lines



LATA	Population		Gain	1994	NLRs	Gain
	1994	2000				
Peasarch	575	643	66	1	112	336
Peasarch City	269	347	78	1	81	137
Tallahassee	288	336	48	1	74	119
904 NPA	1132	1316	184	3	267	652
Jacksonville	1314	1394	80	1	231	308
Daytona	646	646	0	1	72	137
850 NPA	1924	1920	44	2	326	652

Exhaust - 904 NPA - 11/2005  
850 NPA - 09/2002

### Geographical Split #2

SPLIT-OFF Pensacola & Panama City Areas



LATA	Population (000)		Cable	Cable	NXXs
	1975	2000			
Pensacola	575	643	88	112	2000
Panama City	302	342	38	81	328
859 NPA	887	1000	126	193	538
Tallahassee	285	326	41	74	193
Jacksonville	1314	1394	189	251	751
Daytona	449	544	104	75	200
904 NPA	1909	2264	325	409	1212

Exhaust - 904 NPA - 10/2000

859 NPA - 05/2012

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### Geographical Split #3

SPLIT-OFF the Pensacola Area



LATA	Population (000)		Cable	Cable	NXXs
	1975	2000			
Pensacola	575	643	88	112	2000
Panama City	309	347	38	81	328
Tallahassee	285	326	41	74	193
Jacksonville	1314	1394	189	251	751
Daytona	449	544	104	75	200
904 NPA	2348	2611	343	401	1619

Exhaust - 904 NPA - 04/1999

850 NPA - 07/2024

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### Geographical Split #4

SPLIT-OFF the Daytona Lane



	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
LATA	1294	1294	1294	1294	1294	1294	1294	1294	1294	1294	1294	1294
Population	575	643	347	81	74	251	318	104	75	248	248	248
Daytona	2863	2790	347	347	347	347	347	347	347	347	347	347
Daytona	448	544	104	104	104	104	104	104	104	104	104	104
Daytona	648	544	104	104	104	104	104	104	104	104	104	104

Exhibit - 904 NPA - 10/1990  
850 NPA - 03/2033

### Geographical Split #5

SPLIT-OFF the Jacksonville Lane



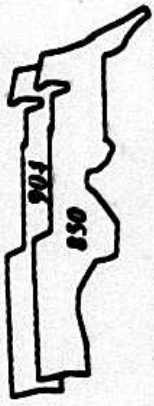
	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
LATA	1294	1294	1294	1294	1294	1294	1294	1294	1294	1294	1294	1294
Population	575	643	347	81	74	251	318	104	75	248	248	248
Daytona	2863	2790	347	347	347	347	347	347	347	347	347	347
Daytona	448	544	104	104	104	104	104	104	104	104	104	104
Daytona	648	544	104	104	104	104	104	104	104	104	104	104

Exhibit - 904 NPA - 07/2002  
850 NPA - 10/2006

### Geographical Relief Plans Exhaust Summary

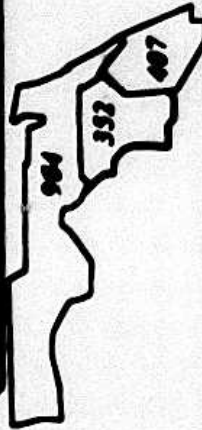
000 NPA SPIN, AM, L, etc	000 NPA SER. DATE	000000 00000000	000000 00000000	000 NPA SER. DATE	000 NPA SER. DATE	000 NPA L, etc
00000000 00000000 00000000 00000000	000000	00000000	00000000	000000	000000	00000000 00000000 00000000
00000000 00000000 00000000	000000	00000000	00000000	000000	000000	00000000 00000000 00000000
00000000 00000000 00000000	000000	00000000	00000000	000000	000000	00000000 00000000 00000000
00000000 00000000 00000000	000000	00000000	00000000	000000	000000	00000000 00000000 00000000
00000000 00000000 00000000	000000	00000000	00000000	000000	000000	00000000 00000000 00000000

### OVERLAY



- ◆ Serves the same geographic area.
- ◆ Growth is assigned to the new NPA on a first come, first serve basis.

## NPA BOUNDARY REALIGNMENT



- Used when the existing NPA is small to one which has spare NXX capacity. A boundary shift is made to utilize the spare codes in the adjacent NPA.
- Number changes are required by only those customers in the boundary shift.
- Provides a better balance of central office code utilization.
- Is an interim code measure, providing a shorter term relief than adding a new NPA.

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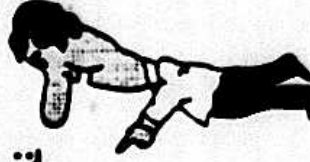
## PROPOSED TRANSITION DATES

### ◆ Begin Permissive dialing:

*February 24, 1997*

### ◆ Mandatory dialing:

*February 23, 1998*



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**904 NPA RELIEF OPTIONS**

**Presentation**

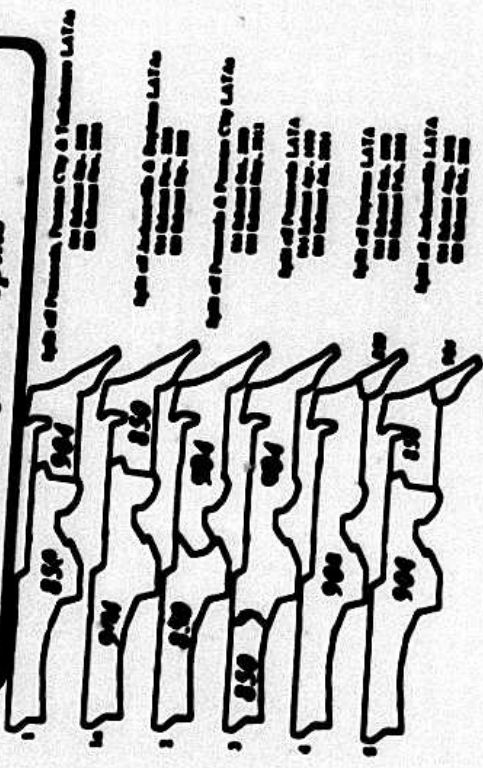
**Summary**

**Questions & Answers**

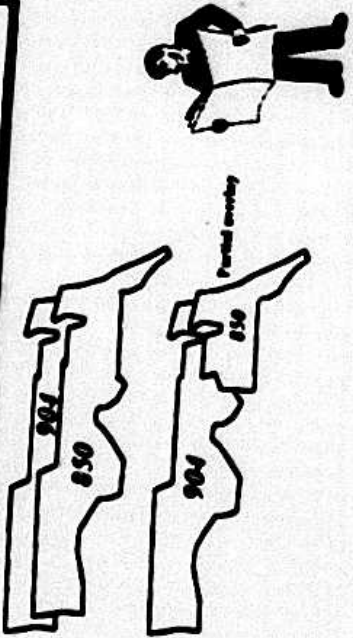


Al Benson - BellSouth

# Geographical Splits



# OVERLAYS



**NPA BOUNDARY REALIGNMENTS**



- 904 & 352 NPA
- 904 & 407 NPA
- 904 & 352 & 407



**PROPOSED TRANSITION DATES**

◆ Begin Permissive dialing:

February 24, 1997

◆ Mandatory dialing:

February 23, 1998





# **INDUSTRY**

## **OPEN DISCUSSION**



Moderated by

**Al Benson - BettsSouth**

# **INDUSTRY**

## **RECOMMENDATION**

Moderated by

**Al Benson - BettsSouth**

