

RUTLEDGE, ECENIA, PURNELL & HOFFMAN

ORIGINAL

PROFESSIONAL ASSOCIATION
ATTORNEYS AND COUNSELORS AT LAW

STEPHEN A. ECENIA
KENNETH A. HOFFMAN
THOMAS W. KONRAD
MICHAEL G. MAIDA
MARTIN P. McDONNELL
J. STEPHEN MENTON

POST OFFICE BOX 551, 32302-0551
215 SOUTH MONROE STREET, SUITE 420
TALLAHASSEE, FLORIDA 32301-1841

TELEPHONE (850) 681-6788
TELECOPIER (850) 681-6515

R. DAVID PRESCOTT
HAROLD F. X. PURNELL
MARSHA E. RULE
GARY R. RUTLEDGE
GOVERNMENTAL CONSULTANTS
MARGARET A. MENDUNI
M. LANE STEPHENS

March 1, 2002

Ms. Blanca S. Bayo, Director
Commission Clerk and Administrative Services
Florida Public Service Commission
2540 Shumard Oak Boulevard
Betty Easley Conference Center, Room 110
Tallahassee, Florida 32399-0850

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Re: Docket No. 000075-TP

Dear Ms. Bayo:

Enclosed for filing in the above-referenced docket are an original and fifteen copies of prefiled Supplemental Direct Testimony of Paul E. Cain filed on behalf of AT&T Communications of the Southern States, LLC., AT&T Broadband Phone of Florida, LLC and TCG South Florida, Inc.

Please acknowledge receipt of these documents by stamping the extra copy of this letter "filed" and returning the copy to me.

Thank you for your assistance with this filing.

Sincerely,

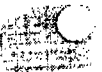
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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

SUPPLEMENTAL DIRECT TESTIMONY OF PAUL E. CAIN

ON BEHALF OF

AT&T COMMUNICATIONS OF THE SOUTHERN STATES, LLC,

**AT&T BROADBAND PHONE OF FLORIDA, LLC
(Formerly known as MediaOne Florida Telecommunications, Inc.),**

AND TCG SOUTH FLORIDA, INC.

DOCKET NO. 000075-TP

MARCH 1, 2002

DOCUMENT NUMBER-DATE

02429 MAR-18

FPSC-COMMISSION CLERK

1 **Q. STATE YOUR NAME AND BUSINESS ADDRESS.**

2 A. My name is Paul E. Cain. I am employed by AT&T as a District Manager
3 in the Business Services organization. My business address is 900 Route
4 202/206, Bedminster New Jersey, 07921.

5 **Q. PLEASE DESCRIBE YOUR BACKGROUND AND PROFESSIONAL**
6 **EXPERIENCE AS THEY RELATE TO ISSUES IN THIS**
7 **PROCEEDING.**

8 A. I have worked in the field of telecommunications since 1989 when I joined
9 National Economic Research Associates in White Plains, NY as a Research
10 Associate investigating issues of pricing and competition for intrastate
11 telephone service. In 1993, I joined Teleport Communications Group in
12 Staten Island, NY where I served as Director - Government Affairs and
13 Public Policy. In this capacity, I developed and advocated policy positions
14 on universal service, residential service, and other issues bearing on the
15 development of local competition. During 1998 and 1999, I was a member
16 of the AT&T/TCG Integration Team and worked on a variety of projects
17 designed to make effective use of the combined AT&T/TCG networks. In
18 May 1999 I accepted my current position as District Manager for Switched
19 Access and Interconnection Services with AT&T's Business Services
20 Organization. In this position, I lead a team devoted to providing services to
21 other local carriers and interexchange carriers via AT&T's core network and
22 the network of the former TCG.

1 I earned a Bachelor's Degree in Economics from the University of Rochester
2 and a Master's Degree in Economics from Rensselaer Polytechnic Institute.

3 **Q. HAVE YOU TESTIFIED IN OTHER REGULATORY**
4 **PROCEEDINGS IN THE PAST?**

5 A. Yes. I have testified in California, Texas, and New Jersey.

6 **Q. ON WHICH ISSUES ARE YOU TESTIFYING?**

7 A. My testimony addresses portions of Issue No. 13 and Issue No. 17.

8 **Q. ARE YOU ADOPTING TESTIMONY PREVIOUSLY FILED ON**
9 **BEHALF OF AT&T IN THIS DOCKET?**

10 A. No. The testimony filed in this docket that is being re-filed on these issues
11 stands on its own in the record. My testimony is supplemental to the new
12 issues raised by the Commission.

13 **ISSUE 13: HOW SHOULD A "LOCAL CALLING AREA" BE DEFINED,**
14 **FOR PURPOSES OF DETERMINING THE APPLICABILITY**
15 **OF RECIPROCAL COMPENSATION?**

- 16 a) What is the Commission's jurisdiction in this matter?
17
18 b) Should the Commission establish a default definition of local calling
19 area for the purpose of intercarrier compensation, to apply in the
20 event parties cannot reach a negotiated agreement?
21
22 c) If so, should the default definition of local calling area for purposes
23 of intercarrier compensation be: 1) LATA-wide local calling, 2)
24 based upon the originating carrier's retail local calling area, or 3)
25 some other default definition/mechanism?
26
27

1 **Q. WHAT IS AT&T’S POSITION ON ISSUE 13 (a) REGARDING THE**
2 **COMMISSION’S JURISDICTION?**

3 A. AT&T’s position is that the Commission has jurisdiction to resolve this issue.
4 Because this is a legal question, AT&T’s position will be set forth more fully
5 in its post-hearing brief.

6 **Q. SHOULD THE COMMISSION ESTABLISH A DEFAULT**
7 **DEFINITION OF LOCAL CALLING AREA (ISSUE 13(b))?**

8 A. Although the Commission should continue to encourage negotiation, the
9 Commission also should establish a policy that requires a LATA-wide local
10 calling area for intercarrier compensation purposes if the parties cannot reach
11 agreement by negotiation. The Commission should not define local calling
12 areas for retail purposes nor should it establish a local calling area based on
13 current ILEC practices, which would force ALECs to mirror ILEC local
14 calling areas. Competition cannot thrive if the monopoly incumbents control
15 the marketplace in this manner.

16 **Q. HOW SHOULD LOCAL CALLING AREA BE DEFINED (ISSUE**
17 **13(c))?**

18 A. The Commission should adopt a true LATA-wide local calling area, as
19 discussed below. LATA-wide local calling allows for fair reciprocal
20 compensation between all LECs for calls placed between ALEC and ILEC
21 customers. All calls would be rated as local, thus simplifying the process of
22 reciprocal compensation between carriers and more significantly, benefiting

1 consumers by making it possible for ALECs to offer more flexible retail
2 calling plans.

3 **Q. WHAT IS A LATA?**

4 A. LATAs were an artificial boundary established by the Department of Justice
5 as a result of the AT&T divestiture, which separated the Bell System's long
6 distance operations from its local operations, and established nine Bell
7 operating companies.¹ The LATA is a contiguous geographic area that acted
8 as a dividing line between the assets and liabilities of AT&T and the Bell
9 Operating Companies. Calls within each LATA "belonged" to the monopoly
10 local provider, while calls between LATAs were handled by long distance
11 providers.² Thus, LATAs originally provided a clear line of demarcation for
12 antitrust purposes. This line of demarcation was later eroded when long
13 distance providers were allowed to carry intraLATA toll calls.

14 **Q. ARE LATA BOUNDARIES RELEVANT TO THE DETERMINATION**
15 **OF WHAT CALLS SHOULD BE TREATED AS LOCAL FOR**
16 **RECIPROCAL COMPENSATION PURPOSES TODAY?**

17 A. LATAs have lost their significance as legal boundaries and therefore should
18 not control what calls are treated as local, whether for intercarrier

¹ Modification of Final Judgment, *United States of America v Western Electric Company, Inc. and American Telephone and Telegraph Company*. Civil Action No. 82-0192. (D.C. Cir. 1982)

² Florida has seven (7) LATAs (Pensacola FW-EA, Panama City MR-EA, Jacksonville LO-EA, Gainesville OL-EA, Daytona Bch PO-EA, Orlando WI-EA, Southeast Fl GR-EA). Some states have two or three. Larger states may have several LATAs.

1 compensation or retail purposes.³ They do, however, provide a familiar and
2 convenient line of demarcation already recognized in LEC and ALEC
3 networks, and are sufficiently broad in area to allow ALECs to offer
4 innovative and competitive calling plans to their customers.⁴

5 **Q. HOW ARE LOCAL TELEPHONE COMPANIES CURRENTLY**
6 **COMPENSATED FOR TRAFFIC THAT ORIGINATES ON**
7 **ANOTHER PROVIDER'S NETWORK BUT IS TERMINATED ON**
8 **THEIR NETWORK?**

9 A. Local telecommunications companies are entitled to receive compensation for
10 terminating calls that are originated by other providers. If the call being
11 terminated is a toll, or long distance call, the terminating local telephone
12 company receives access charges. If the call being terminated is a local call,
13 the terminating local telephone company receives reciprocal compensation.

14 **Q. UNDER A LATA-WIDE LOCAL CALLING REGIME, HOW WOULD**
15 **LOCAL TELEPHONE COMPANIES BE COMPENSATED FOR**
16 **TRAFFIC THAT ORIGINATES ON ANOTHER PROVIDER'S**
17 **NETWORK BUT IS TERMINATED ON THEIR NETWORK?**

18 A. Any call that originated and terminated in the same LATA would be
19 considered a local call, and the terminating provider would receive reciprocal

³ LATA boundaries are still essential to the operation of Section 271 of the Telecommunications Act.

⁴ While a LATA-wide local calling area for intercarrier compensation purposes may be convenient and sufficient to meet industry and consumer needs at this time, the Commission should keep in mind that it is an artificial boundary that should be subject to review as the telecommunications industry and consumer expectations evolve.

1 compensation for terminating it. Terminating providers would continue to
2 receive access charges for interLATA calls, as they do today. In a LATA-
3 wide local calling area, the NPA-NXX of the calling and called parties would
4 be used to determine the points of origination and termination. The dialing
5 pattern (whether seven digits, ten digits or eleven (1+) digits) would be
6 irrelevant, as would the path the call took to reach its point of termination.

7 **Q. PLEASE DISCUSS THE BENEFITS OF ESTABLISHING A LATA-**
8 **WIDE CALLING AREA FOR RECIPROCAL COMPENSATION**
9 **PURPOSES.**

10 A. The primary benefits of a LATA-wide calling area would be administrative
11 ease and enhanced competition.

12 Administrative ease: A LATA-wide calling area would simplify retail
13 call rating as well as intercarrier billing of reciprocal compensation. All
14 intraLATA calls would be treated the same for reciprocal compensation
15 purposes, with each minute billed the same way. Additionally, a clear “fall-
16 back” policy statement while encouraging negotiation also would tend to
17 reduce the number of issues that must be arbitrated.

18 Establishing the LATA as the calling area also will enhance
19 competition by allowing ALECs to offer their customers local calling
20 arrangements that may vary from those offered by the ILEC. Establishing the
21 current ILEC calling areas as the default, on the other hand, will force
22 ALECs to mirror those areas, to the detriment of competition.

1 **Q. SHOULD ANY CALL THAT ORIGINATES AND TERMINATES IN**
2 **THE SAME LATA BE TREATED AS A TOLL CALL?**

3 A. No. In order to allow all LECs and their customers to achieve the consumer
4 and administrative benefits that will result from establishing a LATA-wide
5 local calling area for reciprocal compensation purposes, all calls that
6 originate and terminate in the same LATA, as determined by the NPA-NXXs
7 of the calling and called parties, should be treated as local. The Commission
8 should not consider the numerous exceptions bound to be raised by the
9 ILECs, who seek to complicate the issue in order to maintain their traditional
10 (and sometimes anti-competitive) sources of income. ALECs attempting to
11 compete with ILECs are using their networks in more flexible ways, and the
12 Commission should encourage such innovation by instituting rational and
13 simple compensation policies. When a call originates and terminates in the
14 same LATA and travels between one local provider and another, neither
15 dialing pattern nor the path between the two networks should determine the
16 compensation for that call. There simply is no reason, other than entrenched
17 monopoly thinking, for maintaining a distinction.

18 **Q. WILL LATA-WIDE LOCAL CALLING RESULT IN FAIR**
19 **COMPENSATION BETWEEN CARRIERS?**

20 A. Yes. Every minute is compensated based on the same rate when the call
21 originates and terminates within the same LATA. A LATA-wide local
22 calling area results in the elimination of intraLATA toll charges for various

1 paths that a call takes and eliminates the need to input different rates for those
2 calls. Instead, a call is rated the same no matter what dialing pattern is used
3 and is more easily managed in billing systems.

4 **Q. WILL A NEW BILLING SYSTEM OR CAPITAL INVESTMENT BE**
5 **NECESSARY FOR IMPLEMENTATION OF A DEFAULT LATA-**
6 **WIDE LOCAL CALLING AREA?**

7 A. No. Instead, the billing systems already in place would be simplified. The
8 only labor involved is re-rating calls to one rate for all of the calls that
9 originate and terminate in the LATA regardless of dialing pattern. It
10 simplifies what is now a complex billing system and will alleviate future
11 arbitrage over various calling plans, calling patterns, and incorrect rating of
12 calls between carriers.

13 **Q. PLEASE SUMMARIZE AT&T'S RECOMMENDATION ON THIS**
14 **ISSUE.**

15 A. As I stated above, AT&T recommends that the Commission establish a
16 LATA-wide local calling area as the default mechanism. Establishing a
17 LATA-wide calling area facilitates intercarrier compensation, fosters fair
18 competition among local exchange telecommunications companies, and
19 allows for a evolution of innovative calling plans for consumers; the true
20 beneficiaries of this concept.

21 **ISSUE 17: SHOULD THE COMMISSION ESTABLISH COMPENSATION**
22 **MECHANISMS CONCERNING THE TRANSPORT AND**
23 **DELIVERY OR TERMINATION OF TRAFFIC SUBJECT TO**

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SECTION 251 OF THE ACT TO BE USED IN THE ABSENCE OF THE PARTIES REACHING AGREEMENT OR NEGOTIATING A COMPENSATION MECHANISM? IF SO, WHAT SHOULD BE THE MECHANISM?

- a) What is the potential financial impact, if any, of bill and keep arrangements for local exchange companies?
- b) If the Commission imposes bill and keep as a default mechanism, will the Commission need to define generically “roughly balanced?” If so, how should the Commission define “roughly balanced?”
- c) What potential advantages or disadvantages would result from the imposition of bill and keep arrangements as a default mechanism?

Q. WHAT IS AT&T’S POSITION ON ISSUE 17 REGARDING A COMMISSION-ESTABLISHED COMPENSATION MECHANISM?

A. AT&T strongly endorses the Commission’s goal of reforming and unifying legacy intercarrier compensation regulations, and believes that the best way to reach this goal is to establish an intercarrier compensation rule where a "minute is a minute" for transport and termination purposes, regardless of the individual call’s content, means of switching, the identity of the called party, or the identity of the carrier. The Commission should retain the current reciprocal compensation mechanism unless the parties agree otherwise through negotiation. Bill and keep is neither efficient nor competitively neutral, and as I discuss later, there are additional negative considerations to bill and keep that make it an unattractive alternative at this time.

Q. WHAT IS "BILL AND KEEP"?

A. Bill and keep is a compensation mechanism in which the terminating carrier recovers its costs of terminating a call from the customer who receives the

1 call, rather than the calling party's local telephone provider. Thus, costs that
2 have always been recovered from carriers for local calls would now be
3 recovered directly from consumers.

4 **Q. DOES AT&T SUPPORT BILL AND KEEP AS AN APPROPRIATE**
5 **DEFAULT COMPENSATION METHOD?**

6 A. No. Bill and keep preserves objectionable aspects of the existing patchwork
7 of compensation. As a default mechanism, bill and keep would discourage
8 good-faith negotiations between the ILECs and ALECs. The party that
9 expects to originate more traffic than it terminates would have every
10 incentive to dig its heels in, knowing that the default mechanism will govern.
11 Further, bill and keep does not promote more efficient network usage by
12 consumers. Instead, bill and keep encourages more unwanted calls because
13 it effectively requires recipients to pay for terminating the unwanted calls.
14 Bill and keep is not more "deregulatory" than cost-based intercarrier
15 compensation. The Commission should continue to utilize reciprocal
16 compensation as the default mechanism in the event that the parties are
17 unable to negotiate an alternate intercarrier compensation regime.

18 **Q. PLEASE DISCUSS THE REGULATORY DISADVANTAGES OF A**
19 **BILL AND KEEP ARRANGEMENT AS A DEFAULT MECHANISM.**

20 A. Bill and keep would be neither efficient nor competitively neutral and would
21 result in significant unintended and undesirable consequences. Bill and keep
22 would create new opportunities for both regulatory arbitrage and monopoly

1 abuse by encouraging carriers to seek out customers who make more calls
2 than they receive (e.g., telemarketers, stock brokers).

3 Nor is bill and keep more “deregulatory” than cost-based intercarrier
4 compensation. Bill and keep would simply mean that costs that have always
5 been recovered from carriers would now be recovered from consumers, but
6 only so long as the traffic is roughly balanced. Once the traffic is out of
7 balance, the parties must still engage in the rating and billing now necessary
8 for reciprocal compensation.

9 **Q. HOW WOULD CONSUMERS BE AFFECTED BY A BILL AND**
10 **KEEP REGIME?**

11 A. Bill and keep shifts the burden of recovering the cost of the call from the
12 originator of the call to the recipient of the call. People who make very few
13 calls or those who subscribe to phone service primarily for safety reasons
14 (i.e., to make calls in an emergency) would likely see their phone rates
15 increase. Customers that make a large number of calls (e.g., telemarketers)
16 would likely see their rates decline.

17 Customers largely have no control over who calls them or how often,
18 so they will be forced to pay for the “pleasure” of receiving dinner and family
19 time interruptions from cranks and hawkers of credit cards, funeral plots,
20 timesharing condominiums, vinyl siding, penny stocks and burglar alarms.
21 Friends and relatives of individuals on low fixed incomes might think twice
22 about calling them, reluctant to impose additional costs. Subscribers might

1 also be forced to reconsider their phone plans to take into account the new
2 influx of incoming calls that are largely beyond their control as a result of bill
3 and keep. More broadly, the Commission will face new challenges in
4 crafting a definition of basic service eligible for universal service support.
5 These changes are likely further irritate customers who already are upset and
6 confused about the proliferation of new charges on their bills and the
7 daunting array of calling plans.

8 **Q. WHAT FINANCIAL IMPACT WOULD BILL AND KEEP**
9 **ARRANGEMENTS HAVE ON LOCAL EXCHANGE COMPANIES?**

10 A. Bill and keep will cause a major adverse financial impact without a
11 concomitant reduction in administrative costs. ALECs in particular will lose
12 a source of income that is necessary to cover the cost for transporting and
13 terminating calls originating on the ILEC's network. As outbound calls
14 would surely increase under a bill and keep regime, the pricing signals used
15 to charge end user customers would have to change dramatically in order to
16 pay for the costs of running the network. Under current traffic patterns,
17 ILECs would reap a considerable windfall, able to terminate their local traffic
18 to the ALECs for free.

19 **Q. ARE THERE ANY ADVANTAGES TO BILL AND KEEP**
20 **ARRANGEMENTS AS A DEFAULT MECHANISM?**

21 A. Yes, but only if exchanged traffic is precisely in balance. If each party is
22 originating and terminating almost exactly the same amount of traffic for the

1 other party, administrative work will be slightly less burdensome because the
2 parties need not render bills and issue checks each month. Of course, this
3 benefit could easily be achieved through negotiations because the parties
4 could agree to offset reciprocal compensation payments if traffic is truly
5 balanced already.

6 **Q. IF THE COMMISSION IMPOSES BILL AND KEEP AS A DEFAULT**
7 **MECHANISM, WILL THE COMMISSION NEED TO**
8 **GENERICALLY DEFINE “ROUGHLY BALANCED TRAFFIC?”**

9 A. Yes. A bill and keep arrangement can only provide for mutual recovery of
10 costs when traffic between the parties is in balance. If traffic is out of
11 balance, the carrier that terminates more traffic incurs greater termination
12 costs than it is relieved of – in essence, subsidizing the other carrier. Thus,
13 the definition of “balance” is essential to implementation of bill and keep.

14 FCC Rule 51.713(b) allows state Commissions to impose bill and
15 keep arrangements only if traffic is roughly balanced between providers. It
16 would inappropriately put the cart before the horse to impose bill and keep
17 without defining roughly balanced. Without a Commission definition, LECs
18 and ILECS otherwise must negotiate this issue, which inevitably will lead to
19 disputes and ultimately force the Commission to decide this issue.

20 **Q. SHOULD THE COMMISSION DECIDE TO IMPOSE A BILL AND**
21 **KEEP ARRANGEMENT, HOW SHOULD THE COMMISSION**
22 **DEFINE “ROUGHLY BALANCED TRAFFIC?”**

1 A. LECs are unlikely to exchange exactly the same number of minutes of local
2 traffic. FCC Rule 51.713(b) therefore does not require precision, but instead
3 indicates that bill and keep may be appropriate when the exchange of traffic
4 is approximately -- rather than precisely -- the same for each party, such that
5 the difference between the amounts is insignificant.

6 **Q. WHAT SHOULD BE THE "DEFAULT" COMPENSATION**
7 **MECHANISM?**

8 A. The Commission should retain reciprocal compensation as the appropriate
9 default mechanism. Section 252(d)(2)(A) of the Act states that an
10 interconnection agreement between an incumbent LEC and a new entrant
11 cannot be found just and reasonable unless the agreement itself "provide[s]
12 for the mutual and reciprocal recovery by each carrier of costs associated
13 with the transport and termination on each carrier's network facilities of calls
14 that originate on the network facilities of the other carrier." Reciprocal
15 compensation appropriately imposes costs on the cost-causer, while bill and
16 keep allows the originating company to retain the money it normally would
17 have to pay for the use of the terminating carrier's network. Reciprocal
18 compensation allows the costs to be shared by both the originating company
19 and the terminating company. AT&T supports establishment of a cost-based
20 reciprocal compensation rate as the default.

21 **Q. DOES THIS CONCLUDE YOUR TESTIMONY?**

22 A. Yes.