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REPLY TO: P.O. BOX 10095 TALLAHASSEE, FL 32302-2095

December 18, 1995



Ms. Blanca Bayo, Director Division of Records and Reporting Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, Florida 32399-0850 via Hand Delivery

Re: Resolution of Petition(s) to Establish 1995 Rates, Terms, and Conditions for Interconnection Involving Local Exchange Companies and Alternative Local Exchange Companies Pursuant to Section 364.162, Florida Statutes; Docket No. 950985D-TP (TW)

Dear Ms. Bayo:

CWM/tmz

_Enclosures

ACK AFA

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Enclosed for filing please find an original and fifteen copies of the Rebuttal Testimony of Joan McGrath on behalf of Time Warner AxS of Florida, L.P. and Digital Media Partners for the above-referenced docket. You will also find a copy of this letter enclosed. Please date-stamp the copy of this letter to indicate that the original was filed and return to me.

If you have any questions regarding this matter, please feel free to contact me.

Respectfully,

PENNINGTON & HABEN, P.A.

Charles W. Murphy

FPSC-BUREAU OF RECORDS

cc: All Parties of Record (w/ enclosure)

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DOCUMENT NUMBER-DATE

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CERTIFICATE OF SERVICE DOCKET NO. 950985D-TP

I HEREBY CERTIFY that a true and correct copy of Time Warner AxS of Florida, L.P.'s and Digital Media Partners' Rebuttal Testimony of Joan McGrath has been served by either *Federal Express or Hand Delivery on this 18th day of December, 1995, to the following parties of record:

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CHARLES W. MURPHY, ESQ.

1		BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION
2		DOCKET NO. 950985D-TP
3		REBUTTAL TESTIMONY OF
4		JOAN McGRATH
5		ON BEHALF OF TIME WARNER AXS OF FLORIDA, L.P.
6		AND DIGITAL MEDIA PARTNERS
7		
8	Q:	PLEASE STATE YOUR NAME, POSITION, AND BUSINESS
9		ADDRESS.
10	A:	My name is Joan McGrath, and my business address is
11		160 Inverness Drive West, Englewood, Colorado,
12		80112. I am the Manager for Interconnect
13		Management at Time Warner Communications.
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15	Q:	HAVE YOU TESTIFIED PREVIOUSLY IN THIS PROCEEDING?
16	A:	Yes. I submitted Direct Testimony on behalf of
17		Time Warner AxS of Florida, L.P. and Digital Media
18		Partners, herein referred to as "Time Warner."
19		
20	Q:	WHAT IS THE PURPOSE OF YOUR TESTIMONY?
21	A:	It is my understanding that Time Warner has adopted
22		all of my testimony that previously has been filed
23		in this docket. This includes my direct and
24		rebuttal testimony filed in response to TCG's
25		petition, my rebuttal testimony filed in response

to Continental's petition, and my direct testimony
in Time Warner's petition in its docket. The
purpose of this additional testimony is to
supplement these filings by offering additional
rebuttal to the testimony filed on behalf of Bell
South Telecommunications, Inc., (BellSouth).

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BELLSOUTH'S WITNESS ROBERT C. SCHEYE STATES THAT HE 8 Q: 9 BELIEVES THAT THE COMMISSION SHOULD SET LOCAL INTERCONNECTION RATES TAKING INTO ACCOUNT 10 INTERRELATIONSHIP BETWEEN LOCAL INTERCONNECTION AND 11 12 UNIVERSAL SERVICE AND CARRIER OF LAST SUPPORT (P. 3-4). IS THIS YOUR POSITION? 13 As I have said in other testimony filed in 14 A: No. this case, these issues should be addressed 15 separately. Local interconnection arrangements 16 should be determined (and priced) in a manner that 17 18 encourages local competition. Doing so produces 19 choices and new, innovative services at lower 20 prices for consumers. Having a local 21 interconnection structure that encourages competition in all parts of the local exchange 22 23 including residential and business market, 24 customers, is also the best way to ensure that universal service goals are met. Thus, local 25

interconnection compensation should be set independent of any universal service funding The definition of universal service requirement. assumes providing customers with basic exchange service where competition does not so provide. Including a contribution to universal service in interconnection rates will discourage competition, therefore resulting in a greater need for universal service funding. When these two concepts are linked, as BellSouth has proposed, local interconnection becomes more costly. Florida Public Service Commission's recent decision in the universal service docket allows a petition for support by a LEC that believes that competition is eroding its ability to meet its universal service and carrier of last resort obligations. This process is adequate to ensure that LECs will be able to continue to meet those obligations, without deterring local competition and linking this issue to interconnection compensation.

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Q: BELLSOUTH WITNESS SCHEYE LISTED THREE COMPONENTS
WHICH HE BELIEVES SHOULD BE PART OF A LOCAL
INTERCONNECTION PLAN (P. 4-6). DO YOU HAVE ANY
COMMENTS ON THESE COMPONENTS?

Time Warner does not believe that switched **A**: Yes. access charges are appropriate elements for local interconnection, since these charges contribution which is deterrent the introduction of local competition and consumer choice.

Further, BellSouth's proposed toll default mechanism flies in the face of reason. BellSouth has proposed that if it cannot tell whether a call terminating from a BellSouth customer to a Time Warner is local or toll, it will not pay any local interconnection charges (if the Commission does not adopt bill and keep), but will charge Time Warner originating switched access charges. There are several aspects of this proposal that make no sense.

The billing of charges from BellSouth end users to Time Warner end users is totally in the hands of BellSouth. BellSouth will make a determination that calls from a given BellSouth NXX to a given Time Warner NXX are, from BellSouth's perspective, either local or toll. It will bill those charges accordingly. Under today's environment, where

there is no intraLATA presubscription, if BellSouth declares a call to be toll, BellSouth will bill its end user toll charges. Under this scenario, it is ludicrous that BellSouth would then charge Time Warner originating access charges, and be doubly compensated (from BellSouth's end user and from Time Warner's originating access charges) for this If BellSouth declares a call to be local, call. BellSouth will charge its customer its interconnection price (if flat rate, zero), and then should pay Time Warner the usual local interconnection compensation (bill and keep under Time Warner's proposal). The determination as to what is local and what is toll should be worked out between the two local service providers before business begins, that for intercompany SO compensation purposes, the two companies know what calls will be considered local. There should be no "toll default" mechanism. I might add that intercompany compensation prices are not the same as end user pricing.

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For example, Time Warner may choose to have a local calling area that is greater than or less than that of the incumbent. This should not be at

issue. One of the consumer benefits of competition is having a choice--of providers, of service types and quality, and of prices.

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Witness Scheye also states that a structure that eventually merges all interconnection arrangements into one common structure is optimal. based on the notion that the distinction between local and toll will eventually blur. In some regards, I agree. However, to meet the goal of having local competition, facilities-based local service providers must have incentives to invest in their networks, and so should be differently from IXCs and other providers who are not making local network investments. For example, in New York, there is a LATAwide termination rate for local service interconnection, which differs from the toll access rates. BellSouth's single rate for interconnection for both IXCs and ALECs discourages ALECS from making а local infrastructure commitment, thus impeding development of local competition and consumer choice.

WITNESS SCHEYE COMMENTED THAT NUMBER PORTABILITY 1 Q: IMPACTS BELLSOUTH'S ABILITY TO DETERMINE WHETHER 2 CALLS ARE LOCAL OR TOLL (P. 6). IS THIS THE CASE? 3 Definitely not. Calls ported through BellSouth go A: 4 first to the consumer's BellSouth telephone number, 5 then to Time Warner. Time Warner customers using 6 ported numbers will still be the same customers in 7 the same local area as when BellSouth was serving 8 BellSouth will not have any problem 9 him. distinguishing between local and toll on ported 10 calls. 11

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13 Q: HOW DO THE ALECS' DEPLOYMENT OF NXX'S ENTER INTO

14 THE DETERMINATION OF LOCAL AND TOLL TRAFFIC?

Section 364.16(3)(a), Florida Statutes, requires that no local service provider shall knowingly deliver traffic under a local interconnection arrangement for which terminating access charges would normally apply. Time Warner fully intends to comply with this. The issue in this case is the definition of what is local and what is toll for interconnection purposes. The statute does not define from whose perspective "local" should be determined. BellSouth, of course, assumes that its perspective is the only perspective. Time Warner

does not believe this needs to be the case. In a changing local service environment, there may be multiple definitions of "local", depending on the local service provider, or even the particular calling plan of a given provider.

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For Time Warner to be able to comply with BellSouth's definition of "local", Time Warner must have access to sufficient numbering resources to be able to mimic BellSouth's local calling areas for interconnection purposes. BellSouth, as the North American Numbering Plan Administrator in its area, has the ability to affect ALEC access to scarce numbering resources.

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Rather than having Time Warner perfectly reflect BellSouth's local calling areas, which can change over time local calling plans as new implemented by BellSouth, the two companies should sit down and agree on which calls should be considered "local" and "toll" for interconnection purposes, then BellSouth should provide Time Warner with adequate numbering resources to implement this agreement. Certainly witness Scheye's example of one NXX for both Tallahassee and Panama City could

be problematic. However, having one NXX for each 1 of BellSouth's local calling areas would be a 2 tremendous waste of scarce numbering resources. 3 This could be worked out between the two companies. 4 As I stated in my direct testimony, a LATA-wide 5 local interconnection rate would minimize the use 6 of NXXs and would still comply with the statute for 7 local interconnection purposes. 8

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Q: WITNESS SCHEYE STATES THAT BELLSOUTH WILL BE ABLE

TO READILY ACCOMMODATE MEASURING AND BILLING FOR

TERMINATING LOCAL USAGE (P. 8-9). IS THIS YOUR

UNDERSTANDING?

Based on witness Scheye's assertions during No. **A**: negotiations, I understand that BellSouth does not have this ability. However, even if it does, it does not make sense to measure and bill for traffic which will be in balance. Witness Scheye seeks to minimize the significance of the expenses surrounding the measurement of local traffic for interconnection purposes. Measuring local traffic between providers is one aspect of related costs incurred by the new entrant. Billing and auditing for this traffic is another example of unnecessary cost. I need only to refer to the experience of the IXCs in measuring, auditing, and billing access traffic with the LECs, who have incurred large, unnecessary expenses related to the measurement of IXC traffic, to refute these assertions. Add to this the fact that, on average, a given customer's local traffic is much more voluminous than her toll traffic, and the expenses relating to measuring local traffic become overwhelming.

A:

WITNESS SCHEYE ASSERTS THAT A DIFFERENTIAL BETWEEN Q: TANDEM AND END OFFICE INTERCONNECTION APPROPRIATE (P. 13). DO YOU AGREE WITH HIS ARGUMENTS?

BellSouth fails to note that it has built its tandem-based network to make itself more efficient, so that for its own traffic, fewer interoffice direct connections need to be made. BellSouth proposes to charge Time Warner based on its network design, failing to take into account Time Warner's different network design. BellSouth needs to shed the notion that the world will continue to be the way it was in the past. Rather than having a network interconnection charge that reimburses both companies based on a neutral compensation scenario

which does not penalize (or reward) any particular network design, BellSouth seeks to perpetuate its own inefficiencies by making new entrants pay a price based on those efficiencies.

For example, assume that the ALEC places only a single switch, using longer "loop" plant to reach its customers than does BellSouth. The total cost to Time Warner for terminating a BellSouth local call may or may not be less than BellSouth's cost for terminating a Time Warner local call. Time Warner may have more loop costs, and less switching and transport costs than BellSouth.

If the interconnection rate structure is designed so that the only costs Time Warner can recover in its local interconnection tariff are switching and interoffice transport costs, Time Warner will be handicapped relative to BellSouth, and may be prevented from recovering all of its costs regardless of whether those costs are less than or equal to BellSouth's costs. Particularly in the early stage of local competition, Time Warner will mostly be terminating calls from customers of BellSouth rather than from its own customers.

Because of Time Warner's inability to recover its costs using its preferred architecture, it will have an incentive to try to mirror the architecture of BellSouth, even if this were not the most efficient architecture. Such a result would be very bad for the public, because it would reduce the dynamic efficiency benefits from entry. Time Warner should not be constrained by BellSouth's rate design from developing its network as efficiently as possible.

WITNESS SCHEYE ASSERTS THAT BILL AND KEEP DOES NOT

Q:

ENCOURAGE ALECS TO PROVIDE EFFICIENT FUNCTIONALITY
INTERNAL TO THEIR OWN NETWORKS. DO YOU AGREE?

A: No. Actually Witness Scheye is incorrect. Bill and keep encourages both the new entrant and the incumbent LEC to more efficiently carry local exchange traffic. This is because both the ALEC and BellSouth can increase their profit margin, the more efficiently they carry this traffic. Thus, in both instances, providers are encouraged to

their network to increase their net profit.

minimize their expenses or efficiently configure

1	Q:	WITNESS SCHEYE CONTINUES TO ASSERT THAT EVEN UNDER
2		A BILL AND KEEP SCENARIO, THERE WOULD STILL BE A
3		NEED TO MEASURE AND BILL LOCAL TRAFFIC (P. 16). IS
4		THIS THE CASE?
5	A:	No. Although the local service providers may
6		choose, for various reasons, to measure local
7		traffic exchanged with other local service
8		providers, there is a significant difference
9		between measuring traffic and billing for it.
10		Witness Scheye continues to confuse billing for
11		local traffic with billing for toll traffic (e.g.,
12		800 traffic and other toll traffic). Measuring and
13		billing for local traffic is both expensive and
14		resource-consuming and acts as an unnecessary
15		barrier to entry.
16		
17	Q:	DO YOU AGREE WITH WITNESS SCHEYE'S COMMENT THAT
18		BILL AND KEEP ONLY WORKS FOR COMPANIES SERVING
19		MUTUALLY EXCLUSIVE TERRITORIES, AND NOT FOR
20		OVERLAPPING SERVICE AREAS (P. 16)?
21		
22	A:	No. Witness Scheye likened the interconnection of
23		ALECs with BellSouth to the interconnection of IXCs
24		and BellSouth. Actually, the interconnection of
25		ALECs with BellSouth is more like that of cellular

companies with BellSouth--overlapping service areas. There is one important difference, however. Unlike cellular companies, ALECs must differentiate local from toll for interconnection purposes, according to Florida's statute. ALECs, as well as LECs, have an obligation to ensure that traffic terminating over local interconnection arrangements is not traffic for which access charges are due. Therefore, witness Scheye's analogy to IXCs and LECs pooling revenues does not fit here.

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It is reasonable and rational for interconnecting LECs and ALECs to exchange traffic on a payment-inkind basis, so long as the area within which the payment-in-kind arrangement applies is defined between the two companies. As I suggested in my direct testimony supporting Time Warner's petition, LATAwide local termination is a reasonable definition of the area within which bill and keep should apply. The Commission has the discretion to define "local" it sees fit. as For local interconnection purposes, it should define "local" as within the LATA, and should order bill and keep for local traffic exchange.

1 Q: WITNESS SCHEYE ASSERTED THAT A "TANDEM HOTEL" 2 ARRANGEMENT IS APPROPRIATE FOR DISCUSSION IN THIS VENUE. DO YOU AGREE? 3 No. Witness Scheye incorrectly characterized this 4 A: 5 as a space rental issue. Rather, since more than one ALEC may be collocated in BellSouth's tandem 6 for the purpose of interconnecting with BellSouth, 7 8 there appears to be no reason that those ALECs should not be able to interconnect with each other 9 10 at that tandem as well. Further, if such interconnection does not require the use 11 BellSouth's tandem switch, there is no reason to 12 use the switch and exhaust it prematurely. Thus, a 13 14 direct connection between two ALECs which are already collocated in BellSouth's tandem appears to 15 be efficient and reasonable. 16 WITNESS SCHEYE STATED THAT HE BELIEVES ALECS SHOULD 18 Q:

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BE REQUIRED TO PAY SOUTHERN BELL ANY ADDITIONAL 19 20 COSTS IT INCURS TO STORE ALEC DIRECTORY ASSISTANCE

INFORMATION. DO YOU AGREE? 21

> Southern Bell gains value from having a A: No. comprehensive directory assistance database. value translates to revenue through the sale of database to other directory assistance this

providers or through the charging of end users for directory assistance. The revenues BellSouth gains from the additional directory listings should cover any minimal BellSouth costs for storing ALEC directory assistance information.

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7 Q: WITNESS BANNERJE ASSERTS THAT BELLSOUTH MUST 8 RECOVER AS MUCH REVENUE FOR ITS INTERCONNECTION RATE AS THE SUM OF THE DIRECT COST OF PROVIDING 9 INTERCONNECTION PLUS THE ALLEGED LOST CONTRIBUTION 10 11 CAUSED BY NEW ENTRY. IN OTHER WORDS, HE ARGUES 12 THAT NEW ENTRANTS SHOULD PAY BOTH THE COST OF INTERCONNECTION PLUS THE ALLEGED LOST CONTRIBUTION. 13

DO YOU AGREE?

It is a poor public policy and incredibly 15 A: anticompetitive to recommend that new entrants pay 16 17 for the incumbents' past, current, and future inefficiencies. In other words, BellSouth expects 18 19 both Time Warner and other new entrants to fund BellSouth's alleged competitive losses due to the 20 existence of competition. It is incredibly 21 anticompetitive to expect a new entrant to replace 22 alleged contribution flows claimed to be lost due 23 24 to competitive entry, especially when BellSouth expects to obtain the pricing flexibility of price cap regulation on January 1, 1996.

The Washington Utilities and Transportation Commission recently recognized that this approach acts as a barrier to entry in denying requests from U.S. West that new entrants finance alleged contribution flows, and instead, ordered bill and keep linked to database number portability. (See, Fourth Supplemental Order Rejecting Tariff Filings and Ordering Refiling; Granting Complaints, in Part, Washington Utilities and Transportation Commission; Docket Nos. UT-941464, UT-941465, UT-950146, UT-950265, pages 29-33 [October 31, 1995].)

Q: WITNESS BANNERJE ARGUES THAT IMPUTATION IS ONLY
WARRANTED FOR RETAIL SERVICES THAT DEPEND UPON
ESSENTIAL FACILITIES AVAILABLE ONLY FROM ONE OF THE
RETAIL COMPETITORS, AND THAT IF BELLSOUTH APPLIES
AN IMPUTATION TEST TO ITSELF, SO SHOULD THE NEW
ENTRANTS. DO YOU AGREE WITH THIS?

22 A: No. Imputation prevents an entrant who has to buy
23 a monopoly bottleneck input from being placed in a
24 price squeeze. All aspects of interconnection
25 offered by BellSouth are today essential to new

entrants, and thus need to be imputed. Therefore, the only fair way to approach the interconnection rates that BellSouth proposes to charge entrants is to require BellSouth to impute the entire interconnection rate into its own local Time Warner has proposed bill and exchange rate. keep, a scenario under which imputation related to interconnection rates would not be needed. Because Time Warner and other ALECs offer no essential bottleneck facilities, the concept of imputation is not applicable to either Time Warner or the other new entrants. The public policy behind imputation is to encourage competition and prohibit price squeeze, and thus, should be applied to BellSouth and the other incumbent LECs. If price squeezes are not precluded, consumers are harmed by not having the competitive benefit of new entrants-innovative technology, lower prices, and equal or better service quality.

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21 Q: PLEASE SUMMARIZE YOUR REBUTTAL TESTIMONY.

22 A: I have taken issue with BellSouth's proposal that
23 interconnection and universal service should be
24 linked. I have also argued that bill and keep
25 produces the most efficient network architecture

for ALECs, and that it is reasonable and rational in an overlapping provider environment, contrary to BellSouth's opinion. Further, I have disagreed with BellSouth's proposal to charge different rates for tandem and end office interconnection. taken issue with BellSouth's toll default proposal, and with its concerns regarding the termination of traffic between BellSouth and Time Warner because have reasserted the NXX assignments. Ι of reasonableness of a "tandem hotel", and disagreed with BellSouth's arguments in favor of measuring and billing. I have explained why BellSouth benefits from storing ALECs' directory assistance listings. Finally, I have taken issue with BellSouth's view of imputation.

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- 17 Q: DOES THIS CONCLUDE YOUR TESTIMONY?
- 18 A: Yes, it does.