

MEMORANDUM

February 18, 1999

RECEIVED-FPSC

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RECORDS AND
REPORTING

TO: DIVISION OF RECORDS AND REPORTING

FROM: DIVISION OF LEGAL SERVICES (PEÑA) *kmp*

RE: DOCKET NO. 981999-TP - In re: Request by BellSouth Telecommunications, Inc. for approval of amendment to interconnection, unbundling, and resale agreement with Winstar Telecommunications, Inc.

99-0407-FDF

Attached is an:

ORDER APPROVING AMENDMENT TO EXISTING
INTERCONNECTION, UNBUNDLING, AND RESALE AGREEMENT

with attachment, to be issued in the above-referenced docket.
(Number of pages in order - 17)

KMP/slh
Attachment
cc: Division of Communications (Ileri)
I:981999.kmp

See 1,2

ATTACHMENT(S) NOT ON-LINE

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Request by BellSouth
Telecommunications, Inc. for
approval of amendment to
interconnection, unbundling, and
resale agreement with WinStar
Wireless, Inc.

DOCKET NO. 981999-TP
ORDER NO. PSC-99-0407-FOF-TP
ISSUED: February 25, 1999

The following Commissioners participated in the disposition of
this matter:

JOE GARCIA, Chairman
J. TERRY DEASON
SUSAN F. CLARK
JULIA L. JOHNSON
E. LEON JACOBS, JR.

ORDER APPROVING AMENDMENT TO EXISTING
INTERCONNECTION, UNBUNDLING, AND RESALE AGREEMENT

BY THE COMMISSION:

On December 29, 1998, BellSouth Telecommunications, Inc. (BST) filed a request for approval of an amendment to their existing interconnection, unbundling, and resale agreement with WinStar Wireless, Inc. (WinStar) pursuant to 47 U.S.C. §252(e) of the Telecommunications Act of 1996 (The Act). The amendment to the existing agreement is attached to this Order as Attachment A and incorporated by reference herein.

Both the Act and Chapter 364, Florida Statutes, encourage parties to enter into negotiated agreements to bring about local exchange competition as quickly as possible. Under the requirements of 47 U.S.C. § 252(e), negotiated agreements must be submitted to the state commission for approval. Section 252(e)(4) requires the state to reject or approve the agreement within 90 days after submission or it shall be deemed approved.

The existing agreement governs the relationship between the companies regarding local interconnection and the exchange of

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traffic pursuant to 47 U.S.C. § 251. Upon review of the proposed amendment to the existing agreement, we believe that it complies with the Telecommunications Act of 1996; thus, we hereby approve it. The Commission's approval of this agreement should not be construed as a determination that BellSouth has met the requirements of Section 271 of the Act. BST and WinStar are also required to file any subsequent supplements or modifications to their agreement with the Commission for review under the provisions of 47 U.S.C. § 252(e).

Based on the foregoing, it is

ORDERED by the Florida Public Service Commission that the amendment to their existing interconnection, unbundling, and resale agreement between BellSouth Telecommunications, Inc. and WinStar Wireless, Inc., as set forth in Attachment A and incorporated by reference in this Order, is hereby approved. It is further

ORDERED that any supplements or modifications to this agreement must be filed with the Commission for review under the provisions of 47 U.S.C. § 252(e). It is further

ORDERED that this docket shall be closed.

By ORDER of the Florida Public Service Commission, this 25th day of February, 1999.

BLANCA S. BAYÓ, Director
Division of Records and Reporting

By: Kay Flynn
Kay Flynn, Chief
Bureau of Records

(S E A L)

KMP

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NOTICE OF FURTHER PROCEEDINGS OR JUDICIAL REVIEW

The Florida Public Service Commission is required by Section 120.569(1), Florida Statutes, to notify parties of any administrative hearing or judicial review of Commission orders that is available under Sections 120.57 or 120.68, Florida Statutes, as well as the procedures and time limits that apply. This notice should not be construed to mean all requests for an administrative hearing or judicial review will be granted or result in the relief sought.

Any party adversely affected by the Commission's final action in this matter may request: 1) reconsideration of the decision by filing a motion for reconsideration with the Director, Division of Records and Reporting, 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399-0850, within fifteen (15) days of the issuance of this order in the form prescribed by Rule 25-22.060, Florida Administrative Code; or 2) judicial review in Federal district court pursuant to the Federal Telecommunications Act of 1996, 47 U.S.C. § 252(e)(6).

ATTACHMENT A

**AMENDMENT NO. 4
TO
MASTER INTERCONNECTION AGREEMENT BETWEEN
WINSTAR TELECOMMUNICATIONS, INC. and
BELLSOUTH TELECOMMUNICATIONS, INC.
DATED AUGUST 22, 1996
Florida**

Pursuant to this Agreement (the "Amendment"), WinStar Telecommunications, Inc. ("WinStar") and BellSouth Telecommunications, Inc. ("BellSouth") hereinafter referred to collectively as the "Parties" hereby agree to amend that certain Master Interconnection Agreement between the Parties dated August 22, 1996 ("Existing Agreement").

NOW THEREFORE, in consideration of the mutual provisions contained herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, WinStar and BellSouth hereby covenant and agree as follows:

BellSouth will provide, and WinStar will accept and pay for Operator Services and Directory Assistance Service and related services in the state of Florida pursuant to the terms and conditions following and at the rates set forth in Attachment 1 to this Amendment:

1. Operator Systems

1.1 Definition

Operator Systems is the Network Element that provides operator and automated call handling and billing, special services, customer telephone listings and optional call completion services. The Operator Systems, Network Element provides two types of functions: Operator Service functions and Directory Assistance Service functions.

1.2 Operator Service

1.2.1 Definition

Operator Service provides: (1) operator handling for call completion (for example, collect, third number billing, and manual credit card calls), (2) operator or automated assistance for billing after the customer has dialed the called number (for example, credit card calls); and (3) special services including but not limited to Busy Line Verification and Emergency Line Interrupt (ELI), Emergency Agency Call, Operator-assisted Directory Assistance, and Rate Quotes.

1.2.2 Requirements

1.2.2.1 When WinStar requests BellSouth to provide Operator Services, the following requirements apply:

1.2.2.1.1 BellSouth shall complete 0+ and 0- dialed local calls.

1.2.2.1.2 BellSouth shall complete 0+ intraLATA toll calls.

1.2.2.1.3 BellSouth shall complete calls that are billed to WinStar customer's calling card that can be validated by BellSouth.

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- 1.2.2.1.4 BellSouth shall complete person-to-person calls.
- 1.2.2.1.5 BellSouth shall complete collect calls.
- 1.2.2.1.6 BellSouth shall provide the capability for callers to bill to a third party and complete such calls.
- 1.2.2.1.7 BellSouth shall complete station-to-station calls.
- 1.2.2.1.8 BellSouth shall process emergency calls.
- 1.2.2.1.9 BellSouth shall process Busy Line Verify and Emergency Line Interrupt requests.
- 1.2.2.1.10 BellSouth shall process emergency call trace, as they do for their Customers prior to the Effective Date. Call must originate from a 911 provider.
- 1.2.2.1.11 BellSouth shall process operator-assisted directory assistance calls.
- 1.2.2.2 BellSouth shall adhere to equal access requirements, providing WinStar local customers the same IXC access as provided to BellSouth customers.
- 1.2.2.3 BellSouth shall exercise at least the same level of fraud control in providing Operator Service to WinStar that BellSouth provides for its own operator service.
- 1.2.2.4 BellSouth shall perform Billed Number Screening when handling Collect, Person-to-Person, and Billed-to-Third-Party calls.
- 1.2.2.5 BellSouth shall direct customer account and other similar inquiries to the customer service center designated by WinStar.
- 1.2.2.6 BellSouth shall provide a feed of customer call records in "EMI" format to WinStar in accordance with CLEC ODUF standards specified in Section 4 following.
- 1.2.3 Interface Requirements
With respect to Operator Services for calls that originate on local switching capability provided by or on behalf of WinStar, the interface requirements shall conform to the then current established system interface specifications for the platform used to provide Operator Service and the interface shall conform to industry standards.
- 2 Directory Assistance Service
 - 2.1 Definition
Directory Assistance Service provides local customer telephone number listings with the option to complete the call at the callers direction separate and distinct from local switching.
 - 2.2 Requirements
 - 2.2.1 Directory Assistance Service shall provide up to two listing requests per call. If available and if requested by WinStar's customer, BellSouth shall provide caller-optional directory assistance call completion service at rates contained in Attachment 11 to one of the provided

ATTACHMENT A

listings, equal to that which BellSouth provides its customers. If not available, WinStar may request such requirement pursuant to the Bona Fide Request Process of Attachment 9.

2.2.2 Directory Assistance Service Updates

2.2.2.1 BellSouth shall update customer listings changes daily. These changes include:

2.2.2.1.1 New customer connections: BellSouth will provide service to WinStar that is equal to the service it provides to itself and its customers;

2.2.2.1.2 Customer disconnections: BellSouth will provide service to WinStar that is equal to the service it provides to itself and its customers; and

2.2.2.1.3 Customer address changes: BellSouth will provide service to WinStar that is equal to the service it provides to itself and its customers;

2.2.3 These updates shall also be provided for non-listed and non-published numbers for use in emergencies.

3. Branding for Operator Call Processing and Directory Assistance

3.1 The BellSouth Operator Systems Branding Feature Provides a definable announcement to CLEC end users using Directory Assistance/Operator Call Processing prior to placing them in queue or connecting them to an available operator or automated operator system. This feature allows the CLEC to have its calls custom branded with the CLEC name on whose behalf BellSouth is providing Directory Assistance and/or Operator Call Processing.

3.2 BellSouth offers four services levels of branding to CLEC's ordering Directory Assistance and/or Operator Call Processing.

3.2.1 Service Level 1 - BellSouth Branding

3.2.2 Service Level 2 - Unbranded

3.2.3 Service Level 3 - Custom Branding

3.2.4 Service Level 4 - Self-Branding (only applicable for Resale or Unbundled Port CLEC's who route to an operator service provider other than BellSouth).

3.3 Resellers and Unbundled Port CLECS

3.3.1 BellSouth Branding is the Default Service Level.

3.3.2 Unbranding, Custom Branding, and Self-Branding require the CLEC to order selective routing for each originating BellSouth end office identified by the CLEC. Rates for Selective Routing are set forth in Exhibit A to this Amendment.

3.3.3 Custom Branding and Self Branding require the CLEC to order dedicated trunking from each BellSouth end office identified by the CLEC, to either the BellSouth TOPS or the CLEC Operator Service Provider. Rates for trunks are set forth in applicable BellSouth tariffs.

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- 3.3.4 **Unbranding - Unbranded Directory Assistance and/or Operator Call Processing calls ride common trunk groups provisioned by BellSouth from those end offices identified by the CLEC to the BellSouth TOPS. These calls are routed to "No Announcement."**
- 3.4 **Facilities Based CLECs**
- 3.4.1 **All Service Levels require the CLEC to order dedicated trunking from their end office(s) point of interface to the BellSouth TOPS Switches. Rates for trunks are set forth in applicable BellSouth tariffs.**
- 3.4.2 **Customized Branding includes charges for the recording of the branding announcement and the loading of the audio units in each TOPS Switch for which the CLEC requires service. The recording and loading charges are non-recurring unless the CLEC elects to change the recorded name or requires access to additional TOPS Switches. Customized Branding is limited to the CLEC name.**
- 4 **Directory Assistance Database Service (DADS)**
- 4.1 **BellSouth shall make its Directory Assistance Database Service (DADS) available to WinStar solely for the expressed purpose of providing Directory Assistance type services to WinStar end users. The term "end user" denotes any entity which obtains Directory Assistance type services for its own use from a DADS customer. Directory Assistance type service is defined as Voice Directory Assistance (DA Operator System assisted). WinStar agrees that Directory Assistance Database Service (DADS) will not be used for any purpose that violates federal or state laws, statutes, regulatory orders or tariffs. Except for the permitted users, WinStar agrees not to disclose DADS to others and shall provide due care in providing for the security and confidentiality of DADS. Further, WinStar authorizes the inclusion of WinStar Subscriber listings in the BellSouth Directory Assistance products.**
- 4.2 **BellSouth shall provide WinStar initially with daily updates which reflect all listing change activity occurring since WinStar's most recent update via magnetic tape, and subsequently using electronic connectivity such as Network Data Mover to be developed mutually by WinStar and BellSouth. WinStar agrees to assume the costs associated with CONNECT: Direct™ connectivity, which will vary depending upon volume and mileage.**
- 4.3 **BellSouth will require approximately one month after receiving an order to prepare the Base File. BellSouth will provide daily updates which will reflect all listings change activity occurring since CLEC's most recent update. BellSouth shall provide updates to WinStar on a Business, Residence, or combined Business and Residence basis. WinStar agrees that the updates shall be used solely to keep the information current. Delivery of Daily Updates will commence the day after WinStar receives the Base File.**
- 4.4 **BellSouth is authorized to include WinStar Subscriber List Information in its Directory Assistance Database Service (DADS) and its Directory Publishers Database Service (DPDS). Any other use by BellSouth of WinStar Subscriber List Information is not authorized and with the exception of a request for DADS or DPDS, BellSouth shall refer any request for such information to WinStar.**
- 4.5 **Rates for DADS are as set forth in Attachment 11.**
- 5 **Direct Access to Directory Assistance Service**

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- 5.1 Direct Access to Directory Assistance Service (DADAS) will provide WinStar's directory assistance operators with the ability to search all available BellSouth's subscriber listings using the Directory Assistance Service format. Subscription to DADAS will allow WinStar to utilize its own switch, operator workstations and optional audio subsystems.
- 5.2 BellSouth will provide DADAS from its DA location. WinStar will access the DADAS system via a telephone company provided point of availability. WinStar has the responsibility of providing the physical links required to connect to the point of availability. These facilities may be purchased from the telephone company as rates and charges billed separately from the charges associated with this offering.
- 5.3 BellSouth will provide a specified interface to each WinStar subsystem. Interconnection between WinStar system and a specified BellSouth location will be pursuant to the use of WinStar owned or WinStar leased facilities and shall be appropriate sized based upon the volume of queries being generated by WinStar.
- 5.4 The specifications for the three interfaces necessary for interconnection are available in the following documents:
- 5.4.1 DADAS to Subscriber Operator Position System—Northern Telecom Document CSI-2300-07; Universal Gateway/ Position Message Interface Format Specification
- 5.4.2 DADAS to Subscriber Switch—Northern Telecom Document Q210-1 Version A107; NTDMs/CCIDAS System Application Protocol; and AT&T Document 250-900-535 Operator Services Position System Listing Service and Application Call Processing Data Link Interface Specification
- 5.4.3 DADAS to Audio Subsystem (Optional)—Directory One Call Control to Audio Response Unit system interface specifications are available through Northern Telecom as a licensed access protocol—Northern Telecom Document 355-004424 and Gateway/Interactive Voice subsystem Protocol Specification
- 5.5 Rates for DADAS are as set forth in Attachment 11.
6. **Optional Daily Usage File**
- 6.1 Upon written request from WinStar, BellSouth will provide the Optional Daily Usage File (ODUF) service to WinStar pursuant to the terms and conditions set forth in this section.
- 6.2 WinStar shall furnish all relevant information required by BellSouth for the provision of the Optional Daily Usage File.
- 6.3 The Optional Daily Usage Feed will contain billable messages that were carried over the BellSouth Network and processed in the BellSouth Billing System, but billed to a WinStar customer.
- Charges for delivery of the Optional Daily Usage File will appear on WinStar's monthly bills. The charges are as set forth in Attachment 1 of this Agreement.
- 6.4 The Optional Daily Usage Feed will contain both rated and unrated messages. All messages will be in the standard Alliance for Telecommunications Industry Solutions (ATIS) EMI record format.

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- 6.5 Messages that error in WinStar's billing system will be the responsibility of WinStar. If, however, WinStar should encounter significant volumes of errored messages that prevent processing by WinStar within its systems, BellSouth will work with WinStar to determine the source of the errors and the appropriate resolution.
- 6.6 The following specifications shall apply to the Optional Daily Usage Feed.
- 6.6.1 Usage To Be Transmitted
- 6.6.1.1 The following messages recorded by BellSouth will be transmitted to WinStar:
- message recording for per use/per activation type services (examples: Three Way Calling, Verify, Interrupt, Call Return, ETC.)
 - measured billable Local
 - Directory Assistance messages
 - intraLATA Toll
 - WATS & 800 Service
 - N11
 - Information Service Provider Messages
 - Operator Services Messages
 - Operator Services Message Attempted Calls (UNE only)
 - Credit/Cancel Records
 - Usage for Voice Mail Message Service
- 6.6.1.2 Rated Incollects (originated in BellSouth and from other companies) can also be on Optional Daily Usage File. Rated Incollects will be intermingled with BellSouth recorded rated and unrated usage. Rated Incollects will not be packed separately.
- 6.6.1.3 BellSouth will perform duplicate record checks on records processed to Optional Daily Usage File. Any duplicate messages detected will be deleted and not sent to WinStar.
- 6.6.1.4 In the event that WinStar detects a duplicate on Optional Daily Usage File they receive from BellSouth, WinStar will drop the duplicate message (WinStar will not return the duplicate to BellSouth).
- 6.6.2 Physical File Characteristics
- 6.6.2.1 The Optional Daily Usage File will be distributed to WinStar via an agreed medium with CONNECT:Direct being the preferred transport method. The Daily Usage Feed will be a variable block format (2476) with an LRECL of 2472. The data on the Daily Usage Feed will be in a non-compacted EBCDIC format (175 byte format plus modules). It will be created

on a daily basis (Monday through Friday except holidays). Details such as dataset name and delivery schedule will be addressed during negotiations of the distribution medium. There will be a maximum of one dataset per workday per OCN.

- 6.6.2.2 Data circuits (private line or dial-up) may be required between BellSouth and WinStar for the purpose of data transmission. Where a dedicated line is required, WinStar will be responsible for ordering the circuit, overseeing its installation and coordinating the installation with BellSouth. WinStar will also be responsible for any charges associated with this line. Equipment required on the BellSouth end to attach the line to the mainframe computer and to transmit successfully ongoing will be negotiated on a case by case basis. Where a dial-up facility is required, dial circuits will be installed in the BellSouth data center by BellSouth and the associated charges assessed to WinStar. Additionally, all message toll charges associated with the use of the dial circuit by WinStar will be the responsibility of WinStar. Associated equipment on the BellSouth end, including a modem, will be negotiated on a case by case basis between the parties. All equipment, including modems and software, that is required on WinStar's end for the purpose of data transmission will be the responsibility of WinStar.

6.6.3 Packing Specifications

- 6.6.3.1 A pack will contain a minimum of one message record or a maximum of 99,999 message records plus a pack header record and a pack trailer record. One transmission can contain a maximum of 99 packs and a minimum of one pack.

- 6.6.3.2 The OCN, From RAO, and Invoice Number will control the invoice sequencing. The From RAO will be used to identify to WinStar which BellSouth RAO that is sending the message. BellSouth and WinStar will use the invoice sequencing to control data exchange. BellSouth will be notified of sequence failures identified by WinStar and resend the data as appropriate.

THE DATA WILL BE PACKED USING ATIS EMI RECORDS.

6.6.4 Pack Rejection

- 6.6.4.1 WinStar will notify BellSouth within one business day of rejected packs (via the mutually agreed medium). Packs could be rejected because of pack sequencing discrepancies or a critical edit failure on the Pack Header or Pack Trailer records (i.e. out-of-balance condition on grand totals, invalid data populated). Standard ATIS EMI Error Codes will be used. WinStar will not be required to return the actual rejected data to BellSouth. Rejected packs will be corrected and retransmitted to WinStar by BellSouth.

6.6.5 Control Data

WinStar will send one confirmation record per pack that is received from BellSouth. This confirmation record will indicate that WinStar received the pack and the acceptance or rejection of the pack. Pack Status Code(s) will be populated using standard ATIS EMI error codes for packs that were rejected by WinStar for reasons stated in the above section.

6.6.6 Testing

- 6.6.6.1 Upon request from WinStar, BellSouth shall send test files to WinStar for the Optional Daily

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testing of usage results, BellSouth shall request that WinStar set up a production (LIVE) file. The live test may consist of WinStar's employees making test calls for the types of services WinStar requests on the Optional Daily Usage File. These test calls are logged by WinStar, and the logs are provided to BellSouth. These logs will be used to verify the files. Testing will be completed within 30 calendar days from the date on which the initial test file was sent.

7. **Access Daily Usage File**

7.1. **Scope of Agreement**

7.1.1 This agreement shall apply to the service of the Access Daily Usage File (ADUF) as provided by BellSouth to WinStar. The specifications, terms and conditions for the provisions of this service are outlined in Exhibit A of this Agreement.

7.2. **Definitions**

7.2.1 **Compensation** is the amount of money due from WinStar to BellSouth for services provided under this Agreement.

7.2.2 **Access Daily Usage File (ADUF)** is the compilation of interstate and intrastate access messages associated with an unbundled port in standard Exchange Message Interface (EMI) format exchanged from BellSouth to WinStar.

7.2.3 **Exchange Message Interface** is the nationally administered standard format for the exchange of data within the telecommunications industry.

7.2.4 **Message Distribution** is routing determination and subsequent delivery of message data from one company to another.

7.3. **Responsibilities of the parties**

7.3.1 ADUF service provided to WinStar by BellSouth will be in accordance with the methods and practices regularly adopted and applied by BellSouth to its own operations during the term of this agreement, including such revisions as may be made from time to time by BellSouth.

7.3.2 WinStar shall furnish in a timely manner all relevant information required by BellSouth for the provision of the ADUF.

7.4. **Compensation Arrangements**

7.4.1 Applicable compensation amounts will be billed by BellSouth to WinStar on a monthly basis in arrears. Amounts due from WinStar to BellSouth (excluding adjustments) are payable within 30 days of the date of the billing statement. Rates for ADUF are as set forth in Attachment 1.

7.5. **Associated Exhibit**

7.5.1 Listed below is the exhibit associated with this Agreement, incorporated herein by this reference.

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Exhibit A Access Daily Usage File (ADUF)

7.5.2 From time to time by written agreement of the parties, new exhibits may be substituted for the attached Exhibit A, superseding and canceling the Exhibit(s) then in effect. .

Access Daily Usage File

1. **SCOPE OF EXHIBIT**

- 1.1 Upon request from WinStar, BellSouth will provide the Access Daily Usage File service to WinStar pursuant to the rates, terms and conditions set forth in this exhibit.

2. **GENERAL INFORMATION**

- 2.1 WinStar shall furnish all relevant information required by BellSouth for the provision of the Access Daily Usage File.

- 2.2 The Access Daily Usage File will contain access records associated with an unbundled port that WinStar has purchased from BellSouth.

Charges for delivery of the Access Daily Usage Feed will appear on WinStar's monthly bills.

- 2.3 All messages provided with the Access Daily Usage File will be in the standard Bellcore EMI record format.

- 2.4 Messages that error in the billing system of WinStar will be the responsibility of WinStar. If, however, WinStar should encounter significant volumes of errored messages that prevent processing by WinStar within its systems, BellSouth will work with WinStar to determine the source of the errors and the appropriate resolution.

3. **USAGE TO BE TRANSMITTED**

- 3.1 The following messages recorded by BellSouth will be transmitted to WinStar:

- Interstate and intrastate access records associated with an unbundled port
- Undetermined jurisdiction access records associated with an unbundled port

- 3.2 BellSouth will perform duplicate record checks on records processed to the Access Daily Usage File. Any duplicate messages detected will be dropped and not sent to WinStar.

- 3.3 In the event that WinStar detects a duplicate on the Access Daily Usage File they receive from BellSouth, WinStar will drop the duplicate message (CLEC will not return the duplicate to BellSouth).

4. FILE CHARACTERISTICS AND TRANSMISSION METHOD

4.1 The Access Daily Usage Feed will be distributed to WinStar via an agreed upon medium with CONNECT:Direct being the preferred transport method. The Access Daily Usage Feed will be a fixed block format (2476) with an LRECL of 2472. The data on the Access Daily Usage Feed will be in a non-compacted EMI format (210 byte format plus modules). It will be created on a daily basis (Monday through Friday except holidays). Details such as dataset name and delivery schedule will be addressed during negotiations of the distribution medium. There will be a maximum of one dataset per workday per OCN.

4.2 Data circuits (private line or dial-up) may be required between BellSouth and WinStar for the purpose of data transmission. Where a dedicated line is required, WinStar will be responsible for ordering the circuit, overseeing its installation and coordinating the installation with BellSouth. WinStar will also be responsible for any charges associated with this line. Equipment required on the BellSouth end to attach the line to the mainframe computer and to transmit successfully ongoing will be negotiated on a case by case basis. Where a dial-up facility is required, dial circuits will be installed in the BellSouth data center by BellSouth and the associated charges assessed to WinStar. Additionally, all message toll charges associated with the use of the dial circuit by WinStar will be the responsibility of WinStar. Associated equipment on the BellSouth end, including a modem, will be negotiated on a case by case basis between the parties. All equipment, including modems and software, that is required on WinStar's end for the purpose of data transmission will be the responsibility of WinStar.

5. PACKING SPECIFICATIONS

5.1 A pack will contain a minimum of one message record or a maximum of 99,999 message records plus a pack header record and a pack trailer record. One transmission can contain a maximum of 99 packs and a minimum of one pack.

5.2 The OCN, From RAO, and Invoice Number will control the invoice sequencing. The From RAO will be used to identify to WinStar which BellSouth RAO that is sending the message. BellSouth and WinStar will use the invoice sequencing to control data exchange. BellSouth will be notified of sequence failures identified by WinStar and resend the data as appropriate.

The data will be packed using ATIS EMI records.

6. PACK REJECTION

6.1 WinStar will notify BellSouth within one business day of rejected packs (via the mutually agreed medium). Packs could be rejected because of pack sequencing discrepancies or a critical edit failure on the Pack Header or Pack Trailer records (i.e. out-of-balance condition on grand totals, invalid data populated). WinStar will not be required to return the actual rejected data to BellSouth. Rejected packs will be corrected and/or retransmitted to WinStar by BellSouth.

7. **CONTROL DATA**

- 7.1 WinStar will send one confirmation record per pack that is received from BellSouth. This confirmation record will indicate WinStar received the pack and the acceptance or rejection of the pack. Pack status Code(s) will be populated using standard Bellcore EMI codes for packs that were rejected by WinStar for reasons stated in the above section.

8. **TESTING**

- 8.1 Upon request from WinStar, BellSouth shall send test file(s) to WinStar for the Access Daily Usage File. The parties agree to review and discuss the file's content or format.

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ATTACHMENT A

All of the other provisions of the Interconnection Agreement, dated August 22, 1996, shall remain in full force and effect.

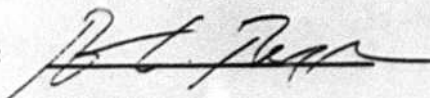
Either or both of the Parties is authorized to submit this Amendment to the Florida Public Service Commission for approval subject to Section 252(e) of the Federal Telecommunications Act of 1996.

IN WITNESS WHEREOF, the Parties hereto have caused this Amendment to be executed by their respective duly authorized representatives on the date indicated below.

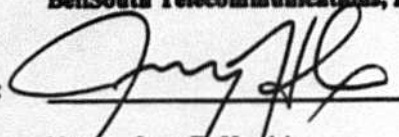
WinStar Telecommunications, Inc.

BellSouth Telecommunications, Inc.

By:


Name: Robert G. Berger
Title: Vice President-Regulatory/Legal

By:


Name: Jerry D. Hendrix
Title: Director-Interconnection Services-
Pricing

Date:

12/17/98

Date:

12/18/98

ATTACHMENT 1

FLORIDA

Directory Assist Call Completion Access Service (DACC), per call attempt	\$0.03
Number Services Intercept per query	\$0.01
Directory Assistance Access Service Calls, per call	\$0.25
Directory Transport	
Directory Transport - Local Channel DS1, per month	\$43.64
NRC - 1"	\$242.45
NRC - Add'l	\$226.44
Directory Transport - Dedicated DS1 Level Interoffice per mile per month	\$6.013
Directory Transport - Dedicated DS1 Level Interoffice per facility termination per month	\$99.79
NRC - 1"	\$45.91
NRC - Add'l	\$44.18
Switched Common Transport per DA Access Service per call	\$0.0003
Switched Common Transport per DA Access Service per call per mile	\$0.00001
Access Tandem Switching per DA Access Service per call	\$0.00055
Directory Transport-Installation NRC, per trunk or signaling connection	
NRC - 1"	\$206.06
NRC - Add'l	\$4.71
Directory Assistance Database Service (DADS)	
Directory Assistance Database Service charge per listing	\$0.001
Directory Assistance Database Service, per month	\$100.00
Direct Access to Directory Assistance (DADAS)	
Direct Access to Directory Assistance Service, per month	\$5,000.00
Direct Access to Directory Assistance Service, per query	\$0.01
Direct Access to Directory Assistance Service, svc estab chg-NRC	\$820.00
Operator Provided Call Handling	
Operator Provided Call Handling per min - Using BST LIDB	\$1.00
Operator Provided Call Handling per min - Using Foreign LIDB	\$1.00
Fully Automated Call Handling per call - Using BST LIDB	\$0.10
Fully Automated Call Handling per call - Using Foreign LIDB	\$0.10
Verification	
Verification, per call	\$0.80
Verification and Emergency Interrupt, per call	\$1.00
Per Line Class Code, Per Switch	\$229.65