

SCHEDULE 9.2.7
INTEROFFICE TRANSMISSION FACILITIES

9.2.7 Interoffice Transmission Facilities. Interoffice Transmission Facilities are AT&T ILLINOIS transmission facilities dedicated to a particular CLEC carrier, or shared by more than one Customer or carrier, used to provide Telecommunications Services between Wire Centers owned by AT&T ILLINOIS or CLEC, or between Switches owned by AT&T ILLINOIS or CLEC.

9.2.7.1 Shared Transport

9.2.7.1.1 Definition. Shared Transport is defined as set forth in FCC Rule 51.319 and in the Third Order on Reconsideration and Further Notice of Proposed Rulemaking, *Implementation of the Local Competition Provisions in the Telecommunications Act of 1996*, 12 FCC Rcd 12460 (1997), as described in Paragraph 56 of Attachment 1 in the August 27, 1999 *ex parte* to the FCC in the Matter of the AT&T/Ameritech Merger, CC Docket No. 98-141 (“FCC Conditions”). The charges for Shared Transport are reflected in the Pricing Schedule.

9.2.7.1.1.1 Notwithstanding anything in this agreement to the contrary, AT&T ILLINOIS provides access to unbundled shared transport only when purchased in conjunction with a ULS port.

9.2.7.1.1.2 Unbundled Local Switching is provided under Schedule 9.2.6.

9.2.7.1.1.3 “ULS-ST” refers to Unbundled Local Switching with Unbundled Shared Transport in AT&T ILLINOIS. ULS-ST is provided on a per ULS port basis.

9.2.7.1.2 Technical Requirements.

9.2.7.1.2.1 Shared Transport shall, at a minimum, meet the performance requirements including, availability, jitter, and delay requirements specified for Central Office to Central Office (“CO to CO”) connections in the applicable industry standard technical references, but in no event less than the quality of service applicable to AT&T ILLINOIS’ own traffic.

9.2.7.1.2.2 AT&T ILLINOIS shall be responsible for the engineering, provisioning, and maintenance of the underlying equipment and facilities that are used to provide Shared Transport.

9.2.7.1.3 ULS-ST permits CLEC to access the interoffice network of AT&T ILLINOIS for the origination from and completion to the associated ULS port of End User local traffic to and from AT&T ILLINOIS switches or third-party switches.

ULS-ST also permits access to that network, using Common Transport and Tandem Switching, for the origination from and completion to the associated ULS port of End User toll traffic where a PIC'd/LPIC'd Interexchange Carrier for that ULS port is not directly connected to the AT&T ILLINOIS switch providing that ULS port. AT&T ILLINOIS will not require use of dedicated transport or customized routing to complete calls when using ULS-ST.

- 9.2.7.1.4 Unless custom routed, All CLEC's local traffic between AT&T ILLINOIS switches will use Shared Transport and all local CLEC's traffic to non-AT&T ILLINOIS switches will use the transit function of Shared Transport (with this transit function being referred to as "Shared Transport-Transit"). All interexchange traffic will be routed to the interLATA (PIC) or intraLATA toll (LPIC) Interexchange Carrier, as appropriate, selected for that ULS port.
- 9.2.7.1.5 The Unbundled Shared Transport rate set forth in this agreement is a blend of Shared Transport and Shared Transport-Transit.
- 9.2.7.1.6 In providing ULS-ST, AT&T ILLINOIS will use the existing AT&T ILLINOIS routing tables contained in AT&T ILLINOIS switches, as AT&T ILLINOIS may change those tables from time to time including after CLEC purchases ULS-ST.
- 9.2.7.1.7 AT&T ILLINOIS will provide SS7 signaling on interswitch calls originating from an ULS port. CLEC will be charged for the use of the AT&T ILLINOIS signaling on a per- message basis.

9.2.7.2 Custom Routing of OS/DA with ULS-ST

- 9.2.7.2.1 CLEC can only mix ULS-ST and custom routing within a AT&T ILLINOIS end office switch where CLEC chooses to custom route a specific class of service of its OS and/or all of its DA (OS/DA) traffic for its End Users served by AT&T ILLINOIS' ULS-ST ports in that AT&T ILLINOIS end office switch. If this custom routing for OS/DA is chosen in a given AT&T ILLINOIS end office switch, then for a specific class of service all End Users served via ULS-ST ports in that switch will have their OS/DA traffic routed over the same custom route designated by CLEC.
- 9.2.7.2.2 CLEC must provide AT&T ILLINOIS routing instructions necessary to establish such custom routing of OS/DA traffic in those end offices where CLEC has End Users served via ULS-ST ports. CLEC will be charged by AT&T ILLINOIS for the establishment of each custom route for OS or DA traffic in an end office switch.

9.2.7.2.3 AT&T ILLINOIS will direct all custom routed local OS and/or local DA to a specific trunk group associated with an ULS Trunk Port or over an existing dedicated trunk group designated by CLEC.

9.2.7.2.4 CLEC will request custom OS/DA routing for use with ULS-ST described in the CLEC Hand book via the OS/DA Questionnaire process. For all other custom routing request not described in the CLEC Hand Book CLEC will utilize the BFR Process.

9.2.7.3 ULS-ST Usage-Sensitive Rating

9.2.7.3.1 AT&T ILLINOIS will charge CLEC using AT&T ILLINOIS' Shared Transport a usage-sensitive Blended Transport rate. The Blended Transport rate is based upon a blend of direct and tandem-routed local traffic to/from either an AT&T ILLINOIS end office or to/from a non-AT&T ILLINOIS end office.

9.2.7.3.2 The charges for ULS-ST, Shared Transport are reflected in the Pricing Schedule.

9.2.7.4 Reciprocal Compensation associated with ULS-ST

9.2.7.4.1 For purposes of this Agreement, the Parties agree that for interswitch local traffic originated from a ULS-ST port and terminated to a AT&T ILLINOIS end office and for interswitch local traffic originated from a AT&T ILLINOIS end office and terminated to an ULS-ST port is the traffic to which reciprocal compensation applies and is subject to the reciprocal compensation provisions in Article 21 – Inter-carrier Compensation of this Agreement.

9.2.7.4.2 Intentionally Left Blank

9.2.7.4.3 Intentionally Left Blank

9.2.7.4.4 AT&T ILLINOIS will include the OCN of the originating carrier in the usage records it provides for calls originated by third party carriers utilizing an AT&T Illinois ULS Port that terminates to an CLEC ULS Port, where technically feasible. If AT&T ILLINOIS fails to provide the OCN of the originating carriers in the usage records it provides for CLEC, CLEC will request again the OCN of the third party originating carrier. If AT&T ILLINOIS fails to provide the information of the originating OCN, then CLEC will treat it as though it was originated by AT&T ILLINOIS in accordance with the terms of Schedule 9.2.7 of this agreement.

9.2.7.5 IntraLATA and InterLATA Toll Rate Application. When ULS-ST is used to make or receive interLATA (including PIC) or intraLATA (including LPIC) toll traffic and that traffic is routed through AT&T ILLINOIS tandem switch(es) and

transmission facilities, AT&T ILLINOIS will charge usage-sensitive Common Transport and Tandem Switching Rates in addition to other applicable ULS-ST charges. However, when that traffic is routed to and/or from an Interexchange Carrier directly connected at the AT&T ILLINOIS end office providing that ULS port, the Common Transport and Tandem Switching rates will not apply to such traffic. The following rate elements could apply depending on type of call:

ULS-ST Blended Transport Usage

Reciprocal Compensation – Call Set Up

Reciprocal Compensation – Call Duration

ULS-ST SS7 Signaling Transport

9.2.7.6 Interswitch Calls – calls not originating and terminating in the same switch, i.e., not the same 11-digit Common Language Location Identifier (CLLI) end office:

9.2.7.6.1 Local Calls

9.2.7.6.1.1 General Principles

9.2.7.6.1.1.1 When a call originates from an CLEC ULS-ST port, CLEC will be charged SS7 signaling charges. If the call routes over AT&T ILLINOIS' shared transport network, CLEC will pay charges for Blended Transport usage charges.

9.2.7.6.1.1.2 The Parties agree that, for local calls originated over ULS-ST, AT&T ILLINOIS will not be required to record and will not bill actual tandem switching usage. Rather, CLEC will be charged the rate shown in the Pricing Schedule, labeled "ULS-ST Blended Transport", for each minute of use, whether or not the call actually traverses the tandem switch.

9.2.7.6.2 IntraLATA and InterLATA Toll Calls

9.2.7.6.2.1 General Principles

9.2.7.6.2.1.1 "1+" intraLATA calls from CLEC ULS-ST ports will be routed to the originating End User's IntraLATA Primary Interexchange Carrier (LPIC) choice. When a "1+" interLATA call is initiated from an ULS-ST port, it will be routed to the End User's interLATA (PIC) choice.

9.2.7.6.2.1.2 When an intraLATA or interLATA toll call originates from an CLEC ULS-ST port, AT&T ILLINOIS will not charge originating access charges to CLEC or the IXC except that AT&T ILLINOIS may bill the IXC for the

access transport (FGD), in accordance with its access tariff, in cases where the IXC has chosen AT&T ILLINOIS as its transport provider.

- 9.2.7.6.2.1.3 When an intraLATA or interLATA toll call terminates to a CLEC ULS-ST port, AT&T ILLINOIS will not charge terminating access to CLEC or the IXC except that AT&T ILLINOIS may bill the IXC for the access transport (FGD), in accordance with its access tariff, in cases where the IXC has chosen AT&T ILLINOIS as its transport provider

9.2.7.7 Dedicated Transport

- 9.2.7.7.1 Definition. Dedicated Transport is defined as set forth in FCC Rule 51.319.
- 9.2.7.7.2 AT&T ILLINOIS agrees that it will provide Dedicated Transport as a point to point circuit to CLEC at the following speeds: DS1, (1.544 Mbps), DS3 (44,736 Mbps), OC3 (155,52 Mbps), OC12 (622,08 Mbps), and OC48 (2488.32 Mbps). AT&T ILLINOIS will provide higher speeds to CLEC as they are deployed in the AT&T ILLINOIS network.
- 9.2.7.7.3 Where Dedicated Transport is provided it shall include (as appropriate) Multiplexing and DCS Functionality that is provided to IXC. CLEC may order multiplexing and/or DCS functionality as an option in conjunction with the use of dedicated transport. CLEC may order multiplexing and/or DCS at the same times as UDT. Multiplexing is an option ordered in conjunction with dedicated transport which converts a circuit from higher to lower bandwidth, or from digital to voice grade.
- 9.2.7.7.4 When Dedicated Transport is provided it shall include suitable transmission facilities and equipment, operated in parity with AT&T ILLINOIS' normal operations.
- 9.2.7.7.5 The following optional features are available if requested by CLEC, at an additional cost:
 - 9.2.7.7.5.1 Clear Channel Capability per 1.544 Mbps (DS1) bit stream.
 - 9.2.7.7.5.2 AT&T ILLINOIS provided Central office multiplexing:
 - (a) DS3 to DS1 multiplexing; and
 - (b) DS0 to DS1
- 9.2.7.7.6 If requested by CLEC, the following are available at additional cost:
 - 9.2.7.7.6.1 1+1 Protection for OC3, OC12 and OC48.
 - 9.2.7.7.6.2 1+1 Protection with Cable Survivability for OC3, OC12 and OC48.
 - 9.2.7.7.6.3 1+1 Protection with Route Survivability for OC3, OC12 and OC48.

9.2.7.8 Technical Requirements

- 9.2.7.8.1 This Section sets forth technical requirements for all Interoffice Transmission Facilities:

- 9.2.7.8.1.1 When AT&T ILLINOIS provides Dedicated Transport as a circuit, the entire designated transmission facility (e.g., DS1, DS3, and where available, STS-1) shall be dedicated to CLEC designated traffic as set forth in Supplemental Order Clarification released by the FCC on June 2, 2000 *In the Matter of the Local Competition Provisions of the Telecommunications Act of 1996*, in CC Docket No. 96-98 (FCC 99-370).
- 9.2.7.8.1.2 AT&T ILLINOIS shall offer Dedicated Transport in all then currently available technologies including DS1 and DS3 transport systems, at all available transmission bit rates, except subrate services, where and when available. Where AT&T ILLINOIS provides unbundled Dedicated Transport via circuits utilizing SONET technology, CLEC may purchase such Dedicated Transport; provided, nothing in this Agreement shall require AT&T ILLINOIS to provide access to SONET rings for purposes of unbundled interoffice transport.
- 9.2.7.8.1.3 For DS1 facilities, Dedicated Transport shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for Customer Interface to Central Office (“CI to CO”) connections that are at least equal to or better than the performance levels AT&T ILLINOIS provides to itself.
- 9.2.7.8.1.4 For DS3 and, where available, STS-1 facilities and higher rate facilities, Dedicated Transport shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for Customer Interface to Central Office (“CI to CO”) connections that are at least equal to or better than the performance levels AT&T ILLINOIS provides to itself.
- 9.2.7.8.1.5 When requested by CLEC, Dedicated Transport shall provide physical diversity. Physical diversity means that two circuits are provisioned in such a way that no single failure of facilities or equipment will cause a failure on both circuits.
- 9.2.7.8.1.6 When physical diversity is requested by CLEC, Ameritech shall provide the maximum feasible physical separation between inter-office transmission paths (unless otherwise agreed by CLEC).
- 9.2.7.8.1.7 Any request by CLEC for diversity shall be subject to additional charges.
- 9.2.7.8.1.8 AT&T ILLINOIS shall offer the following interface transmission rates for Dedicated Transport:
- 9.2.7.8.1.8.1 DS1 (Extended SuperFrame - ESF, D4, and unframed applications (if unframed application used by AT&T ILLINOIS));
- 9.2.7.8.1.8.2 DS3 (C-bit Parity and M13 and unframed applications (if unframed application used by AT&T ILLINOIS) shall be provided);

9.2.7.8.1.8.3 SONET standard interface rates in accordance with the applicable ANSI technical references set forth under Dedicated in the Technical Reference Schedule. In particular, where STS-1 is available, VT1.5 based STS-1s will be the interface at an CLEC service node.

9.2.7.9 Digital Cross-Connect System (DCS)

9.2.7.9.1 AT&T ILLINOIS will offer Digital Cross-Connect System as part of the unbundled dedicated transport element with the same functionality that is offered to interexchange carriers. DCS requested by CLEC shall be subject to additional charges, as set forth in the Pricing Schedule.

9.2.7.9.2 AT&T ILLINOIS will offer reconfiguration service as part of the UDT element with the same functionality that is offered to interexchange carriers or as otherwise agreed to by the Parties. Reconfiguration service requested by CLEC shall be subject to additional charges as outlined in the Pricing Schedule.