

ACCESS SERVICE

RATES, RULES AND CHARGES

Title Page and Pages 1 to 22-45, inclusive of this tariff are effective as of the date shown. Original and revised pages as named below and Supplement No. 4 contains all changes from the original tariff that are in effect on the date hereof.

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One SBC Plaza, Dallas, Texas 75202

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RATES, RULES AND CHARGES

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24. True IP To PSTN (TIPToP) Service (Cont'd)24.1 Service Description (Cont'd)(B) Service Provisioning (Cont'd) (T)(1) Manner of Provisioning (Cont'd) (T)(b) Originating PSTN Traffic to the IP-VIS User(Cont'd)

1) Traffic must originate at a Telephone Company End User or Off Net End User and must travel through the TIPToP TDM Port Interface to the TIPToP Customer's IP Gateway. At the IP Gateway, the traffic must be converted to Internet Protocol and remain in Internet Protocol until it reaches the IP-VIS User Site.

2) Traffic delivered to the TIPToP Customer's IP Gateway must be routed from the IP Gateway to the IP-VIS User site of the IP-VIS User using an IP Network

(c) Non IP-VIS Traffic

Non IP-VIS traffic is not permitted on TIPToP port interfaces. TIPToP Customers must remove any Non IP-VIS traffic from TIPToP connections per the terms described in Section 24.1(C) following.

Non IP-VIS traffic that occurs on TIPToP port interfaces is billed a Non IP-VIS Minute of Use rate as described in Section 24.3 Rates and Charges.

(d) Utilization of Telephone Numbers

The Telephone Company routes calls to the TIPToP Customer following routing instructions contained in the Local Exchange Routing Guide (LERG) system. These routing instructions are based on valid telephone numbers, as defined in the North American Numbering Plan. Telephone numbers are required to be unique for each IP-VIS User and be dialable numbers that reach the IP-VIS User when dialed.

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24. True IP To PSTN (TIPToP) Service (Cont'd)24.1 Service Description (Cont'd)(B) Service Provisioning (Cont'd)

(T)

(1) Manner of Provisioning (Cont'd)(e) One-Way Port Interface

- (1) TIPToP service provides one-way port interfaces to the Telephone Company Access Tandem, or end office where applicable, that terminate IP-VIS traffic originated by IP-VIS Users on the TIPToP Customer's Network to the Telephone Company's End Users or Off Net End Users, with the exception of 8XX traffic or toll traffic that is presubscribed to Interexchange Carriers (1+ PIC'd), as described in 24.1 (B)(1)(f)(1).

(2) CHOKE Trunks

Choke trunks, designed to block excessive calling attempts toward High Volume Call In (HVCi)/Mass Calling NXXs are required as part of TIPToP service.

Within each serving area where the TIPToP Customer has IP-VIS Users, the choke trunks are required on TIPToP one-way port interfaces connected to the designated Public Response HVCi/Mass Calling Network Access Tandem. If the choke tandem is the same as the access tandem, choke trunks can be allocated as part of the LATA Wide TIPToP architecture. If the choke tandem is not the same as the access tandem, the TIPToP Customer must purchase additional TIPToP one-way port interfaces to the choke tandem and allocate these interfaces for the choke trunks. When one-way port interfaces must be purchased to the choke tandem, the required quantity must match the choke trunk quantity as listed below.

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24. True IP To PSTN (TIPToP) Service (Cont'd)24.1 Service Description (Cont'd)(B) Service Provisioning (Cont'd)

(T)

(1) Manner of Provisioning (Cont'd)(e) One-Way Port Interface (Cont'd)(2) CHOKE Trunks (Cont'd)

Choke trunks shall utilize Multi Frequency (MF) signaling. If the TIPToP Customer's switch or IP Gateway is technically incapable of producing MF signaling as documented by the switch or IP Gateway vendor, the choke trunks shall utilize SS7 signaling.

The HVCI/Mass Calling (Choke) Trunks must be purchased in the following increments:

Number of Access Lines Served	Number of Mass Calling Choke Trunk
0 – 10,000	2
10,001 – 20,000	3
20,001 – 30,000	4
30,001 – 40,000	5
40,001 – 50,000	6
50,001 – 60,000	7
60,001 – 75,000	8
75,000 +	9 maximum

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24. True IP To PSTN (TIPToP) Service (Cont'd)24.1 Service Description (Cont'd)

(T)

(B) Service Provisioning (Cont'd)(1) Manner of Provisioning (Cont'd)(f) Two-Way Port Interface

- (1) TIPToP service also provides two-way port interfaces to the Telephone Company Access Tandem that are used by TIPToP Customers to receive calls for IP-VIS Users from Telephone Company and Off Net End Users. TIPToP Customers are not permitted to use two-way port interfaces for traffic that should travel on a one-way port interface, as described in this section.

In addition, two-way port interfaces provide the TIPToP Customer with the ability to send non-queried 8XX (toll free traffic) and 1+ PIC'd IP-VIS traffic originating from IP-VIS Users to the Telephone Company network for completion to IXC networks. 8XX and 1+PIC'd traffic using TIPToP services must originate from IP-VIS Users using IP Dedicated Access Connections as described herein to qualify as IP-VIS On Net traffic.

Traffic originating from the IP-VIS User that is not 8XX and 1+ PIC'd is not permitted on the two-way port interface, and the Telephone Company may block such traffic where technically feasible. Traffic not permitted on two-way port interfaces that the Telephone Company does not block, or is not able to block, will be billed as Non IP-VIS traffic.

When 8XX traffic dialed by the IP-VIS User is sent to the Telephone Company by the TIPToP Customer, the Telephone Company will query the 800 database and complete the call to the IXC or to a 10-digit routable number based on the response that it receives from the 800 database for calls originating from that specific Telephone Company Access Tandem processing the call.

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24. True IP To PSTN (TIPToP) Service (Cont'd)24.1 Service Description (Cont'd)

(T)

(B) Service Provisioning (Cont'd)(1) Manner of Provisioning (Cont'd)

- (g) TIPToP port interfaces are separate trunk groups from all other types of trunk groups within the Telephone Company Network and may only be used as part of the TIPToP service (one-way and two-way port interfaces).
- (h) TIPToP services must be purchased as follows:
 - (1) TIPToP one-way port interfaces are required at every Telephone Company Access Tandem in the LATA in which the TIPToP Customer has:

- IP-VIS Users
- NPA-NXXs, or
- Telephone Numbers

In any other situation that the TIPToP Customer chooses to purchase one-way port interfaces in a LATA, the TIPToP Customer must purchase one-way port interfaces to every Telephone Company Access Tandem in that LATA.

- (2) TIPToP two-way port interfaces are required to every Telephone Company Access Tandem serving the Exchange in which the TIPToP Customer has IP-VIS Users or an NPA-NXX(s) or telephone numbers.

Each TIPToP port interface (one-way or two-way) is equivalent to the bandwidth of one DS0. At a minimum, the TIPToP Customer must configure six (6) TIPToP one-way port interfaces or six (6) TIPToP two-way port interfaces for each DS1 at the Telephone Company Access Tandem or End Office. If additional DS1s or larger facilities are used for TIPToP service, the TIPToP Customer is required to purchase at a minimum six (6) port interfaces (one-way or two-way) to be allocated on each DS1 facility installed.

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24. True IP To PSTN (TIPToP) Service (Cont'd)24.1 Service Description (Cont'd)(B) Service Provisioning (Cont'd)(1) Manner of Provisioning (Cont'd)

(m) The TIPToP Customer must prevent any external party, other than legally authorized agencies, from accessing private CPN that is sent to the TIPToP Customer. The TIPToP Customer must implement procedures to restrict internal access to private CPN, and that all records of private CPN are destroyed after a reasonable period of time. Any lawful request from law enforcement to obtain call trace logs must be honored by the TIPToP Customer.

(n) Acceptance Tests are tests that are performed during the installation of TIPToP service. These tests are cooperative tests between the Telephone Company and the TIPToP Customer and they are performed before the first live traffic can be placed in the TIPToP service. There is no charge for Acceptance Testing.

(o) Traffic Volume

(1) One-way Port Interface - when a TIPToP Customer's traffic increases to the bandwidth equivalent of 48 DS0s to any one end office, the TIPToP Customer is required to purchase direct one-way port interfaces for use with TIPToP service to that end office, as described in Section 24.3 rate and charges.

(T)

(2) Two-way Port Interface - when a TIPToP Customer's traffic is equal to or greater than a bandwidth equivalent of 48 DS0s between an existing two-way port interface and an access tandem without direct two-way port interfaces from the TIPToP Customer, the customer must purchase two-way port interfaces to that access tandem.

(T)

(2) Limitations

(a) TIPToP service does not include Alternate Billed Services (ABS). ABS includes, but is not limited to, Collect Calling, Third Party Billed Calls, Calling Card calls, Phone Card calls, or Credit Card calls billed to telephone numbers assigned to the IP-VIS User of the TIPToP Customer or the TIPToP Customer.

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ACCESS SERVICE

24. True IP To PSTN (TIPToP) Service (Cont'd)

24.2 Rate Regulations (Cont'd)

(T)

(A) Rate Elements (Cont'd)

(2) TWO-WAY PORT INTERFACE - TIPToP two-way port interfaces provide a two-way trunk group(s) to permit all traffic from Telephone Company and other PSTN traffic to IP-VIS Users. Two-way port interfaces provide a two-way trunk group, transport, and SS7 Connectivity (including Transport, STP ports utilized for ISUP LNP, and CNAM messages) to the tandem or end office switch in which the port interface is installed. Two-way port interfaces also provide for 8XX and 1+ PIC'd traffic from IP-VIS Users to IXCs. No other traffic types are permitted on two-way port interfaces. Should traffic types that are not permitted on the two-way port interfaces occur, the TIPToP Customer is responsible for paying the Non IP-VIS Off net usage rate for this traffic and is subject to the terms and conditions regarding Non IP-VIS traffic in this tariff.

(a) Two-way port interfaces are billed a monthly recurring rate and provided on a distance sensitive basis in one of four mileage bands. The mileage bands for Two-way Port Interfaces are as follows:

Mileage band 1	0 to 25 miles
Mileage band 2	26 to 50 miles
Mileage band 3	51 to 100 miles
Mileage band 4	101 or more miles

(b) Mileage is measured from the TIPToP Customer's IP-VIS Dedicated Location to the Access Tandem or End Office in which service is being ordered.

(3) TIPToP IP-VIS USAGE - A Minute of Use (MOU) charge is applied to IP-VIS traffic using TIPToP Port Interfaces and originating from IP-VIS Users terminating traffic to Telephone Company or Off Net End Users.

(a) IP-VIS On Net Usage - is a MOU charge for IP-VIS On Net Traffic.

(b) IP-VIS Off Net Usage - is a MOU charge for IP-VIS Off Net Traffic.

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24. True IP To PSTN (TIPToP) Service (Cont'd)24.3 Rates and Charges(A) TIPToP ONE-WAY Port Interface

<u>Mileage Band</u>	<u>USOC</u>	<u>Monthly Rate Per Port</u>	<u>NRC Per Port</u>	
No. 1 (0-25 miles)	PT851	\$ 18.95	\$ 79.00	
No. 2 (26-50 miles)	PT852	\$ 25.95	\$ 79.00	
No. 3 (51-100 miles)	PT853	\$ 29.95	\$ 79.00	
No. 4 (100 or more miles)	PT854	\$ 53.95	\$ 79.00	(T)

(B) TIPToP TWO-WAY Port Interface

<u>Mileage Band</u>	<u>USOC</u>	<u>Monthly Rate Per Port</u>	<u>NRC Per Port</u>	
No. 1 (0-25 miles)	PT871	\$ 18.95	\$ 79.00	
No. 2 (26-50 miles)	PT872	\$ 25.95	\$ 79.00	
No. 3 (51-100 miles)	PT873	\$ 29.95	\$ 79.00	
No. 4 (100 or more miles)	PT874	\$ 53.95	\$ 79.00	(T)

(C) TIPToP IP-VIS USAGE (MOU)

TIPToP Usage within the State:

<u>IP-VIS On Net Usage Per MOU</u>	<u>IP-VIS Off Net Usage Per MOU</u>
\$0.0026	\$0.0250

(D) TIPToP NON IP-VIS (MOU)

TIPToP Usage within the State

<u>Non IP-VIS On Net Usage Per MOU</u>	<u>Non IP-VIS Off Net Usage Per MOU</u>
\$0.0060	\$0.0850

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24. True IP To PSTN (TIPToP) Service (Cont'd)24.3 Rates and Charges (Cont'd)

		Non-Recurring	(T)
(E)	<u>Service Establishment Fee</u>	<u>Charge</u>	(T)
			(T)
-	Per initial establishment connection per LATA	SEPnw	\$5,000.00 (T)
(F)	<u>Service Management Charge</u>	<u>Monthly Rate</u>	
-	Per LATA	AFElP	\$1,200.00 (T)

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