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INTERSTATE SWITCHED ACCESS SERVICES TARIFF

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**CHECK SHEET**

Sheets of this tariff are effective as of the date shown at the bottom of the respective sheet(s). Original and revised sheets as named below comprise all sheets in effect as of the date on the bottom of this sheet.

<b>SHEET</b>	<b>REVISION</b>		<b>SHEET</b>	<b>REVISION</b>	
Title	Original		28	Original	
Check	First	*	29	Original	
1	Original		30	Original	
2	Original		31	Original	
3	Original		32	First	*
4	Original		33	First	*
5	Original		34	Original	
6	Original		35	Original	
7	Original		36	Original	
8	Original		37	First	*
9	Original		38	First	*
10	Original		39	Original	
11	Original		40	First	*
12	Original		40.1	Original	*
13	Original		41	First	*
14	Original		42	First	*
15	Original		42.1	Original	*
16	Original		43	First	*
17	Original		43.1	Original	*
18	Original		44	First	*
19	Original		44.1	Original	*
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**SECTION 2- RULES AND REGULATIONS (Cont'd.)**

2.10 Identification and Rating of VoIP-PSTN Traffic (Cont'd)

- (C) Calculation and Application of Percent-VoIP-Usage Factor. The Company will determine the minutes of use ("MOU") of Relevant VoIP traffic to which it will apply its interstate rates under subsection (B), above, by applying a Percent VoIP Usage ("PVU") factor, which in turn will be based on a PVU-C factor and a PVU-T factor. The PVU will be derived and applied as follows:
- (1) The customer will calculate and furnish to the Company a factor ("PVU-C"), along with supporting documentation, representing a whole-number percentage based on the customer's total intrastate traffic originated in IP format and delivered to the Company in the State, divided by the customer's total intrastate access MOU exchanged with the Company in the State. The Company's originating traffic that terminates in IP format will also be included in this calculation. (T)
  - (2) The Company, likewise, will calculate a factor ("PVU-T"), representing the whole-number percentage of the Company's total intrastate access MOU in the State that the Company originates or terminates on its network in IP format, and will apply the PVU-T factor to the calculation of the PVU factor. (T)
  - (3) The PVU-C and supporting documentation shall be based on information that is verifiable by the Company including but not limited to the number of the customer's retail VoIP subscriptions in the state (e.g., as reported on FCC Form 477, including all VoIP subscriptions regardless of technology), traffic studies, actual call detail, or other relevant and verifiable information. The customer shall not modify its reported PIU factor to account for VoIP-PSTN traffic.
  - (4) After the Company verifies the PVU-C provided by the customer the Company will use the PVU-C and PVU-T factors to calculate a PVU factor representing the percentage of VoIP traffic to be applied to total terminating and originating intrastate access MOU, as specified above. The PVU factor will be calculated as the sum of:
    - (a) the PVU-C factor and
    - (b) the PVU-T factor times (1.0 minus the PVU-C factor).

## SECTION 2- RULES AND REGULATIONS (Cont'd.)

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**SECTION 5- SWITCHED ACCESS RATES**

**5.1 General**

This section contains the specific regulations governing the rates and charges that apply for Switched Access Services:

There are three types of rates and charges that apply to Switched Access Service:

- Non-Recurring Charges: One-time charges that apply for a specific work activity.
- Recurring Charges: Fixed charges apply each month and depend on the number and type of facilities in place.
- Usage Charges: Charges that are applied on a per access minute, per-message or per-query basis. Usage rates are accumulated over a billing period.

**5.2 Rate Categories**

**5.2.1 There are several rate categories that apply to Switched Access Service:**

**Switched Transport**

The Switched Transport rate category establishes the charges related to the transmission facilities between customer-designated premises and the switch(es) where the customer's traffic is switched to originate or terminate the customer's communications. Transport may include any functional equivalent of the ILEC Transport service provided by the Company via analogous facilities.

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(T)  
(N)

**End Office Switching**

The End Office Switching rate category establishes the charges related to the use of end office switching equipment, including the common trunk port, terminations in the end office of end user lines, the terminations of calls at Company Intercept Operators or recordings, Signaling Transfer Point (STP) costs, and the SS7 signaling function between the end office and the STP. End Office Switching may include any functional equivalent of the ILEC Local Switching access service provided by the Company via analogous facilities.

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**SECTION 5- SWITCHED ACCESS RATES (Cont'd.)**

**5.2 Rate Categories (Cont'd.)**

**Tandem Switching**

The Tandem Switching rate category establishes the charges associated with “switching” a call through the Company’s switching office from the “incoming” trunk group to the “outgoing” trunk group. (N)

Tandem Switching charges apply when the Company passes a call between the Customer and another carrier, including a CMRS provider or Interconnected Wholesale provider. Tandem switching charges may include charges for multiplexing and associated trunk ports, where applicable. Tandem Switching may include any functional equivalent of the ILEC Tandem Switching service provided by the Company via analogous facilities. (N)

**5.2.2 Toll-Free 8XX Data Base Query**

The Toll-Free 8XX Data Base Query Charge, will apply for each Toll-Free 8XX call query received at the Company’s (or its provider’s) Toll-Free 8XX database.

**5.2.3 Optional Features**

Other optional features may be available on an Individual Case Basis (ICB).

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SECTION 5-SWITCHED ACCESS RATES (Cont'd.)

5.4 Rates and Charges

5.4.1 Tandem Switched Transport

A. TST-facility (per access MOU per mile)

State	Competing ILEC	Orig.	Term. to Third Party	Term. to Company's own EO	(T)   (T)
<b>California</b>	AT&T Zone 1	0.000015	0.000015	0.00	(N)
	AT&T Zone 2	0.000025	0.000025	0.00	
	AT&T Zone 3	0.000044	0.000044	0.00	(N)
	Frontier California Inc. (OCNs 4420 & 2319) and Frontier Comm of SW	0.000002	0.000002	0.00	(T,R)
	Frontier/Citizens	0.00005	0.00005	0.00	(N)
<b>Florida</b>	BellSouth	0.000020	0.000020	0.00	(R)
	CenturyLink Zone 1	0.000035	0.000035	0.00	
	CenturyLink Zone 2	0.000055	0.000055	0.00	
	CenturyLink Zone 3	0.000080	0.000080	0.00	(R)
	Frontier Comm of South	0.00001	0.00001	0.00	(T)
	Frontier FL (OCN 0328)	0.000002	0.000002	0.00	(N)
<b>Iowa</b>	CenturyLink/Qwest	0.000030	0.000030	0.00	(T,R)
	Reasnor Tel Co.	0.000439	0.000439	0.000439	(N)
<b>Kentucky</b>	AT&T (BST)	0.000020	0.000020	0.00	(N)
<b>New York</b>	Frontier	0.00005	0.0005	0.00	(T,R)
	Taconic	0.000439	0.000439	0.000439	(T,R)
	Windstream	0.00015	0.00015	0.00	(N)
<b>Oregon</b>	Frontier	0.00005	0.00005	0.00	
	CenturyTel of Oregon	0.000030	0.000030	0.00	
	United Tel of the NW ZN 1	0.000025	0.000025	0.00	
	United Tel of the NW ZN 2	0.000035	0.000035	0.00	(N)

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SECTION 5-SWITCHED ACCESS RATES (Cont'd.)

5.4.1 Tandem Switched Transport (cont'd)

A. TST-facility (per access MOU per mile) (cont'd.)

State	Competing ILEC	Orig.	Term. to Third Party	Term. to Company's own EO	
<b>Texas</b>	AT&T	0.000003	0.000003	0.00	(M,R)
	Frontier	0.000002	0.000002	0.00	(N)
	CenturyLink Zone 1	0.000020	0.000020	0.00	(M,R)
	CenturyLink Zone 2	0.000021	0.000021	0.00	(M,R)
	CenturyLink Zone 3	0.000023	0.000023	0.00	(M,R)
	CenturyLink Zone 4	0.000025	0.000025	0.00	(N)
<b>Vermont</b>	Consolidated	0.000041	0.000041	0.00	(N)
<b>Wisconsin</b>	AT&T ZN 1	0.000013	0.000013	0.00	
	AT&T ZN 2	0.000014	0.000014	0.00	
	AT&T ZN 3	0.000014	0.000014	0.00	
	AT&T ZN 4	0.000014	0.000014	0.00	
	AT&T ZN 5	0.000014	0.000014	0.00	
	CenturyTel of No. WI	0.000137	0.000137	0.00	
	CenturyTel of NW WI	0.000128	0.000128	0.00	
	CenturyTel of So. WI	0.00016	0.00016	0.00	
	CenturyTel of Upper MW	0.000209	0.000209	0.00	
	CenturyTel of WI	0.000064	0.000064	0.00	
	Frontier Comm of WI and Frontier/Mondovi	0.00001	0.00001	0.00	
	Frontier/Citizens and Frontier/Rhineland	0.00005	0.00005	0.00	
	Frontier/Viroqua & St. Croix	0.000322	0.000322	0.00	(N)

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**SECTION 5-SWITCHED ACCESS RATES (Cont'd.)**

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SECTION 5-SWITCHED ACCESS RATES (Cont'd.)

5.4.1 Tandem Switched Transport (cont'd)

B. Tandem-switched Termination (per access MOU per termination) (T)

State	Competing ILEC	Orig.	Term. to Third Party	Term. to Co's own EO	
<b>California</b>	AT&T Zone 1	0.000075	0.000075	0.00	(N)
	AT&T Zone 2	0.000130	0.000130	0.00	
	AT&T Zone 3	0.000240	0.000240	0.00	
	Frontier (Elk Grove)	0.001	0.001	0.00	
	Frontier (Golden State and Tuolumne)	0.0001	0.0001	0.00	
	Frontier (Global Valley)	0.0193039	0.0193039	0.00	
<b>Florida</b>	BellSouth	0.000168	0.000168	0.00	
	CenturyLink Zone 1	0.000365	0.000365	0.00	
	CenturyLink Zone 2	0.000438	0.000438	0.00	
	CenturyLink Zone 3	0.000598	0.000598	0.00	
	Frontier Comm South	0.00241772	0.00241772	0.00	
<b>Iowa</b>	CenturyLink/Qwest	0.00024	0.00024	0.00	
	Reasnor Tel Co.	0.002277	0.002277	0.002277	
<b>Kentucky</b>	AT&T (BST)	0.000168	0.000168	0.00	
<b>New York</b>	Frontier/Citizens of NY	0.001	0.001	0.00	
	Frontier/Ogden	0.00005	0.00005	0.00	
	Taconic	0.002277	0.002277	0.002277	
	Windstream	0.000438	0.000438	0.00	(N)

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SECTION 5-SWITCHED ACCESS RATES (Cont'd.)

5.4.1 Tandem Switched Transport (cont'd)

B. Tandem-switched Termination (per access MOU per termination) (T)

State	Competing ILEC	Orig.	Term. to Third Party	Term. to Co's own EO	
<b>Oregon</b>	CenturyTel of Oregon	0.00024	0.00024	0.00	(N)
	United Tel. Co. Of the NW	0.000225	0.000225	0.00	
	Frontier/Citizens	0.0001	0.0001	0.00	
<b>Texas</b>	AT&T (SWBT)	0.000053	0.000053	0.00	
	CenturyLink Zone 1	0.000218	0.000218	0.00	
	CenturyLink Zone 2	0.000235	0.000235	0.00	
	CenturyLink Zone 3	0.000245	0.000245	0.00	
	CenturyLink Zone 4	0.000278	0.000278	0.00	
<b>Vermont</b>	Consolidated	0.00015	0.00015	0.00	
<b>Wisconsin</b>	AT&T Zones 1-2	0.000103	0.000103	0.00	
	AT&T Zone 3	0.000105	0.000105	0.00	
	AT&T Zone 4	0.000107	0.000107	0.00	
	AT&T Zone 5	0.000109	0.000109	0.00	
	CenturyTel of Northern WI	0.000376	0.000376	0.00	
	CenturyTel of NW WI	0.000352	0.000352	0.00	
	CenturyTel of Southern WI	0.00044	0.00044	0.00	
	CenturyTel Upper Midwest	0.001119	0.001119	0.00	
	CenturyTel of WI	0.000128	0.000128	0.00	
	Frontier Comm of WI and Frontier/Mondovi	0.00241772	0.00241772	0.002	
	Frontier (Viroqua and St. Croix)	0.001423	0.001423	0.00	
	Frontier/Rhineland	0.001	0.001	0.00	
	Frontier/Citizens	0.000556	0.000556	0.00	(N)

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**SECTION 5-SWITCHED ACCESS RATES (Cont'd.)**

**5.4.1 Tandem Switched Transport (cont'd)**

**C. Tandem-Switching (per MOU per tandem)**

<b>State</b>	<b>Competing ILEC</b>	<b>Per orig. MOU per tandem</b>	<b>Per term. MOU per tandem terminating to 3<sup>rd</sup> party locations</b>	<b>Per term. MOU per tandem terminating to Company's own EO</b>	
<b>California</b>	AT&T Zone 1	0.00044	0.00044	0.00	(N)
	AT&T Zone 2	0.001042	0.001042	0.00	
	AT&T Zone 3	0.00175	0.00175	0.00	
	Frontier CA. (OCNs 4420 and 2319)	0.001574	0.001574	0.00	
	Frontier (Elk Grove and Global Valley)	0.00005	0.00005	0.00	
	Frontier (Golden State & Tuolumne)	0.00017103	0.00017103	0.00	
<b>Florida</b>	AT&T (BST)	0.001145	0.001145	0.00	
	CenturyLink Zone 1	0.001197	0.001197	0.00	
	CenturyLink Zone 2	0.001338	0.001338	0.00	
	CenturyLink Zone 3	0.001693	0.001693	0.00	
	Frontier Comm South	0.0002	0.0002	0.00	
	Frontier (OCN 0328)	0.001574	0.001574	0.00	
<b>Iowa</b>	CenturyLink	0.002252	0.002252	0.00	
	Reasnor	0.005744	0.005744	0.005744	
<b>Kentucky</b>	AT&T (BST)	0.001145	0.001145	0.00	
<b>New York</b>	Frontier	0.00005	0.00005	0.00	
	Taconic	0.005744	0.005744	0.005744	
	Windstream	0.000301	0.000301	0.00	(N)

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SECTION 5-SWITCHED ACCESS RATES (Cont'd.)

5.4.1 Tandem Switched Transport (cont'd)

C. Tandem-Switching (per MOU per tandem) (cont'd)

State	Competing ILEC	Per orig. MOU per tandem	Per term. MOU terminating to 3 <sup>rd</sup> party locations	Per term. MOU terminating to Company's own EO	
<b>Oregon</b>	CenturyTel of OR	0.002252	0.002252	0.00	(N)
	United Zone 1	0.00015	0.00015	0.00	
	United Zone 2	0.00016	0.00016	0.00	
	Frontier	0.00017103	0.00017103	0.00	
<b>Texas</b>	AT&T (SWBT)	0.000288	0.000288	0.00	
	CenturyLink Zone 1	0.000331	0.000331	0.00	
	CenturyLink Zone 2	0.000362	0.000362	0.00	
	CenturyLink Zone 3	0.000381	0.000381	0.00	
	CenturyLink Zone 4	0.000425	0.000425	0.00	(N)
	Frontier	0.001574	0.001574	0.00	(T)
<b>Vermont</b>	Consolidated	0.00	0.00	0.00	(N)
<b>Wisconsin</b>	AT&T Zone 1	0.001084	0.001084	0.00	
	AT&T Zone 2	0.001116	0.001116	0.00	
	AT&T Zone 3	0.00112	0.00112	0.00	
	AT&T Zone 4	0.001252	0.001252	0.00	
	AT&T Zone 5	0.0018	0.0018	0.00	
	CenturyTel of No. WI	0.001736	0.001736	0.00	
	CenturyTel of NW WI	0.001626	0.001626	0.00	
	CenturyTel of So. WI	0.002032	0.002032	0.00	
	CT of Upper MW WI	0.002564	0.002564	0.00	
	CenturyTel of WI, LLC	0.000611	0.000611	0.00	
	Frontier Comm of WI & Frontier/Mondovi	0.0002	0.0002	0.00	
	Frontier/Viroqua & St. Croix	0.003464	0.003464	0.00	
	Frontier/Rhineland	0.00005	0.00005	0.00	(N)

INTERSTATE SWITCHED ACCESS SERVICES TARIFF

**SECTION 5-SWITCHED ACCESS RATES (Cont'd.)**

**5.4.2 Local Switching (rates per MOU)**

State	Competing ILEC	Local Switching - Orig	Local Switching - Term	Common trunk port - Orig	Common trunk port - Term	
<b>CA</b>	AT&T	0.00262	0.00	0.004696	0	(N)
	Frontier Comm SW	0.0019019	0.00	0.0007207	0	
	Frontier CA (OCNs 4420 & 2319)	0.0019019	0.00	0.001692		
	Frontier (Elk Grove)	0.0026	0.00	0.0010969		
	Frontier (Golden State & Tuolumne)	0.0036469	0.00	0.00104073		
	Frontier (Global Valley)	0.00260178	0.00	0.0010969		
<b>FL</b>	AT&T (BST)	0.002126	0	0.0008	0	
	CenturyLink	0.003568	0	0.000557	0	
	Frontier Comm of the South	0.00265114	0	0.0002	0	
	Frontier (OCN 0328)	0.0020995	0.00	0.001692		
<b>IA</b>	CenturyLink	0.001974	0	0.000747	0	
	Reasnor Telephone Company	0.04893	0.002133			
<b>KY</b>	AT&T (BST)	0.002126	0	0.0008	0	
<b>NY</b>	Frontier RG 1	0.0026	0	0.0010969	0	
	Frontier RG 3	0.00709489	0	0.001	0	
	Taconic	0.019572	0.002133			
	Windstream	0.003552	0	0.000856	0	(N)

INTERSTATE SWITCHED ACCESS SERVICES TARIFF

**SECTION 5-SWITCHED ACCESS RATES (Cont'd.)**

**5.4.2 Local Switching (rates per MOU (cont'd))**

<b>OR</b>	CenturyLink (CenturyTel of Oregon)	0.001974	0	0.000747	0	(N)
	CenturyLink /United	0.00377	0	0.000428	0	
	Frontier Comm of OR	0.0036469	0	0.00104073	0	
<b>TX</b>	AT&T (SWBT)	0.002563	0	0.000900	0.0	
	CenturyLink	0.003983	0	0.000498	0	
	Frontier	0.002406	0.00	0.001692		
<b>VT</b>	Consolidated	0.00479744	0	0.001792	0	
<b>WI</b>	AT&T	0.003116	0	0.000371	0	
	CenturyTel of Northern WI	0.000445	0	0.000108	0	
	CenturyTel of Northwest Wisconsin, LLC	0.000384	0	0.000102	0	
	CenturyTel of Southern WI	0.001888	0	0.000625	0	
	CenturyTel of Upper Midwest	0.012657	0	n/a	n/a	
	CenturyTel of WI, LLC	0.003393	0	0.001718	0	
	Frontier Comm WI and Frontier/Mondovi	0.00265114	0.00	0.0002	0.00	
	Frontier/ Viroqua & St. Croix	0.012738				
	Frontier (Rhinelander)	0.0026	0.00	0.0010969	0.00	
	Frontier/Citizens	0.00641	0.00	0.001143	0.00	(N)

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**SECTION 5-SWITCHED ACCESS RATES (Cont'd.)**

Material on this sheet has been moved to Section 5.4.2.