

AMERITECH OPERATING COMPANIES (AMERITECH)
DESCRIPTION AND JUSTIFICATION
September 15, 2017

PURPOSE

In this filing, Ameritech Operating Companies (Ameritech) proposes to:

- File a revised Tariff Review Plan (TRP) with updated exogenous cost changes due to the revised Telecommunications Relay Service (TRS) factor of .02289, released by the FCC on June 30th, 2017.
- Revise the Universal Service Fund (USF) factor to calculate the 4th Quarter 2017 USF obligations.
- Update line counts used in the calculation of the Federal Universal Service Fund (FUSF) recovery charges billed to residential and business customers.

Telecommunications Relay Service

In the 2017 Annual Filing, filed on June 16, 2017, the proposed factor of 0.02244 was used to calculate exogenous costs. With this filing, Ameritech is utilizing the factor in DA 17-642, released on June 30th, 2017. The development of the TRS exogenous cost for this filing is provided on ***Exhibit 2.5***. The difference between the TRS factors, as shown on ***Exhibit 2.5***, is “grossed up” to ensure recovery of a full twelve months at the new rate. The Commission has Ruled Telecommunications Relay Service (TRS) fund payments¹ may be treated as exogenous.

¹ *In the Matter of Telecommunications Relay Service, and the Americans with Disabilities Act of 1990*, CC Docket No. 90-571, *Second Order on Reconsideration and Fourth Report and Order*, released September 29, 1993, paragraph 18.

Exogenous Costs

Part 61.45(d) (3) requires that exogenous cost changes be apportioned between price cap services and excluded services. Ameritech adjusted the TRS exogenous cost changes to remove impacts associated with services that are excluded from price cap regulation, to the extent that revenues for these services existed and were identifiable. The Telecommunication Relay Service exogenous cost change is allocated to the Common Line Basket and the Special Access Basket. *Exhibit 2.6* demonstrates the revenue impact for corresponding rate adjustments.

Price Cap Compliance

The attached Tariff Review Plan (TRP) reflects the net revenue changes resulting from the exogenous cost changes associated with the revised TRS and Regulatory Fee factors. All rate offsets are detailed on *Exhibit 3*.

Federal Universal Service Fund Adjustments

This filing is to revise Ameritech's USF obligation based on updated line counts. The 4th Quarter 2017 contribution factor, 18.8%, was provided in the Commission's Public Notice, DA 17-884, released September 12, 2017. Recovery of this contribution is allowable pursuant to *C.F.R. 69.158*. The methodology used to calculate end user charges assessed to recover this liability is detailed below.

Calculation of the Federal Universal Service Fund Flat Rate End User Charge

To ensure compliance with the Commission's *Interim Contribution Methodology Order*, Ameritech recovers its USF obligation associated with switched access services through various flat-rate end user charges.¹ The charges are assessed with respect to the interstate end user service that generates the USF obligation. Ameritech assesses two general types of USF charges (Basic and Non-recurring) for switched access customers. These charges are calculated using the following methodology as shown on *Exhibit 1* and *Exhibit 2*.

Basic USF Recovery Charges

These charges are assessed to switched access lines, to recover the USF obligation associated with the assessment of End User Common Line (EUCL) and End User Port charges.

1. Residential/Single Line Business (SLB)

Ameritech develops the Basic USF charge for residential and single line business customers by multiplying EUCL charges assessed to these customers by the relevant contribution factor released by the Commission. The calculation for the Basic FUSF Residential/Single Line Business rate is demonstrated on *Exhibit 1*.

¹See *Federal-State Joint Board on Universal Service, 1998 Biennial Regulatory Review – Streamlined Contributor Reporting Requirements Associated with Administration of Telecommunications Relay Service, North American Numbering Plan, Local Number Portability, and Universal Service Support Mechanisms, Telecommunications Services for Individuals with Hearing and Speech Disabilities, and the Americans with Disabilities Act of 1990, Administration of the North American Numbering Plan and North American Numbering Plan Cost Recovery Contribution Factor and Fund Size, Number Resource Optimization, Telephone Number Portability*, CC Docket Nos. 96-45, 98-171, 90-571, 92-237, 99-200, 95-116, 98-170, *Report and Order and Second Further Notice of Proposed Rule Making*, 17 FCC RCD 24952 (2002) (*Interim Contribution Methodology Order*).

2. BRI ISDN

Ameritech develops the Basic USF charge for BRI ISDN and BRI ISDN Port customers by adding together EUCL and BRI ISDN / Centrex Port charges assessed to these customers to obtain the total basic interstate end user charges. The total basic interstate end user charges are multiplied by the relevant contribution factor released by the Commission. The calculation for the Basic FUSF BRI ISDN rate is demonstrated on *Exhibit 1*.

3. Multi-line Business, PRI ISDN, and Centrex

Ameritech elected to utilize the provisions granted in the Commission's *Order* and *Second Order on Reconsideration* regarding Centrex customers.² A portion of the unrecovered obligation created from using the PICC equivalency ratios for Centrex customers is applied to Multi-line business customers. However, due to the constraints included in the Commission's *Order*, Ameritech averages the obligation associated with End User Common Line (EUCL) charges for Centrex customers.

Ameritech determines the basic USF recovery rate for business customers using the methodology detailed below.

² See *Federal-State Joint Board on Universal Service, 1998 Biennial Regulatory Review – Streamlined Contributor Reporting Requirements Associated with Administration of Telecommunications Relay Service, North American Numbering Plan, Local Number Portability, and Universal Service Support Mechanisms, Telecommunications Services for Individuals with Hearing and Speech Disabilities, and the Americans with Disabilities Act of 1990, Administration of the North American Numbering Plan and North American Numbering Plan Cost Recovery Contribution Factor and Fund Size, Number Resource Optimization, Telephone Number Portability*, CC Docket Nos. 96-45, 98-171, 90-571, 92-237, 99-200, 95-116, 98-170, *Order and Second Order on Reconsideration*, FCC 03-58, para. 3 (rel. March 14, 2003).

Establish the Basic Multi-line Business Rate

Step 1 – Determine total revenue using access lines as of June 2017 for these customers generated from EUCL assessments by multiplying the EUCL rate by the number of lines.

Step 2 – Multiply the result from Step 1 by the contribution factor to obtain the obligation associated with the customer base.

Step 3 – Divide the obligation developed in Step 2 by the number of billable lines (using lines as of June 2017). The line base is adjusted using PICC equivalency ratios as defined in Part 69.153. The result is the Basic MLB rate per line.

Step 4 – Add to the Basic MLB rate, all other USF recovery associated with the customer type. Step 4 is calculated by customer type for Multi-line business, PRI ISDN, and Centrex customers as shown in *Exhibit 2*. The final rates per customer type are detailed on both *Exhibit 1* and *Exhibit 2*. These final rates preclude any recovery necessary from non-recurring interstate end user charges.

Other Non-recurring USF Surcharges

Non-recurring USF surcharges are assessed to interstate end user non-recurring charges, which generate a USF obligation. Ameritech calculates other non-recurring USF charges by multiplying the non-recurring charge by the contribution factor. These USF recovery charges will only be assessed per occurrence of the interstate end user non-recurring charge. The calculations for these charges are detailed in *Exhibit 1*. For billing purposes, the USF recovery charge may be added to the existing interstate end user charge which generates the obligation.

Ameritech assesses Lifeline customers the non-recurring USF charges when they are assessed the non-recurring charge that generates the obligation. Ameritech also assesses Interexchange Carriers (ICs) the Presubscribed Interexchange Charge (PIC) USF Charge when the IC is assessed the PIC change charge.

Other Recurring Federal Universal Fund Surcharges

Ameritech will continue to recover its other recurring (i.e. Special Access and True Internet Protocol to Public Switched Telephone Network (TIPToP) Service) USF obligations through a percentage-based USF recovery charge applied to interstate end user billed revenues. This percentage-based USF recovery charge is set equal to the Commission's contribution factor released via Public Notice.

Ameritech Operating Companies (Ameritech)
Illinois Universal Service Fee (USF) Rate Development

4th Quarter 2017 Contribution Factor	Source DA 17-884	(A)	(B) 0.188	(C=A*B)
Basic USF Recovery Charge				
Residential / Single-Line Business		Rate		USF Charge
RES Access Recovery Charge (ARC)		2.32		
End User Common Line (EUCL) Rate		4.69		
ARC & EUCL Rate Combined		\$ 7.01		\$ 1.31
BRI ISDN				
				USF Charge
End User Common Line/ARC Rate		\$ 7.01		
BRI ISDN / Centrex Port		\$ 1.58		
Total Basic Interstate End User Revenue		\$ 8.59		\$ 1.61
Multi-line Business				
PBX	Exhibit 2A			\$ 1.73
PRI ISDN	Exhibit 2A			\$ 1.73
CENTREX	Exhibit 2A			\$ 11.56
DTS	Exhibit 2A			\$ 0.19
	Exhibit 2A			\$ 8.75
Other USF Recovery Charges				
PIC Manual Change Charge		\$ 4.54		\$ 0.85
PIC Mechanized Change Charge		\$ 1.55		\$ 0.29

Ameritech Operating Companies (Ameritech)
Indiana Universal Service Fee (USF) Rate Development

4th Quarter 2017 Contribution Factor	Source DA 17-884	(A)	(B) 0.188	(C=A*B)
Basic USF Recovery Charge				
<i>Residential / Single-Line Business</i>		Rate		USF Charge
RES Access Recovery Charge (ARC)		0.00		
End User Common Line (EUCL) Rate		5.72		
ARC & EUCL Rate Combined		\$ 5.72		\$ 1.07
BRI ISDN				
				USF Charge
End User Common Line/ARC Rate		\$ 5.72		
BRI ISDN / Centrex Port		\$ 1.58		
Total Basic Interstate End User Revenue		<u>\$ 7.30</u>		\$ 1.37
Multi-line Business				
<i>PBX</i>	Exhibit 2B			\$ 2.37
<i>PRI ISDN</i>	Exhibit 2B			\$ 2.37
<i>CENTREX</i>	Exhibit 2B			\$ 14.76
<i>DTS</i>	Exhibit 2B			\$ 0.26
	Exhibit 2B			\$ 10.03
Other USF Recovery Charges				
PIC Manual Change Charge		\$ 4.33		\$ 0.81
PIC Mechanized Change Charge		\$ 1.45		\$ 0.27

Ameritech Operating Companies (Ameritech)
Michigan Universal Service Fee (USF) Rate Development

4th Quarter 2017 Contribution Factor	Source DA 17-884	(A)	(B) 0.188	(C=A*B)
Basic USF Recovery Charge				
<i>Residential / Single-Line Business</i>		Rate		USF Charge
RES Access Recovery Charge (ARC)		0.00		
End User Common Line (EUCL) Rate		5.54		
ARC & EUCL Rate Combined		\$ 5.54		\$ 1.04
BRI ISDN				
				USF Charge
End User Common Line/ARC Rate		\$ 5.54		
BRI ISDN / Centrex Port		\$ 1.58		
Total Basic Interstate End User Revenue		\$ 7.12		\$ 1.33
Multi-line Business				
<i>PBX</i>	Exhibit 2C			\$ 1.95
<i>PRI ISDN</i>	Exhibit 2C			\$ 1.95
<i>CENTREX</i>	Exhibit 2C			\$ 12.66
<i>DTS</i>	Exhibit 2C			\$ 0.21
	Exhibit 2C			\$ 9.19
Other USF Recovery Charges				
PIC Manual Change Charge		\$ 4.70		\$ 0.88
PIC Mechanized Change Charge		\$ 1.77		\$ 0.33

Ameritech Operating Companies (Ameritech)
Ohio Universal Service Fee (USF) Rate Development

4th Quarter 2017 Contribution Factor	Source DA 17-884	(A)	(B) 0.188	(C=A*B)
Basic USF Recovery Charge				
<i>Residential / Single-Line Business</i>		Rate		USF Charge
RES Access Recovery Charge (ARC)		2.23		
End User Common Line (EUCL) Rate		5.58		
ARC & EUCL Rate Combined		\$ 7.81		\$ 1.46
BRI ISDN				
End User Common Line/ARC Rate		\$ 7.81		
BRI ISDN / Centrex Port		<u>\$ 1.58</u>		
Total Basic Interstate End User Revenue		\$ 9.39		\$ 1.76
Multi-line Business				
<i>PBX</i>	Exhibit 2D			\$ 1.84
<i>PRI ISDN</i>	Exhibit 2D			\$ 1.84
<i>CENTREX</i>	Exhibit 2D			\$ 12.11
<i>DTS</i>	Exhibit 2D			\$ 0.20
	Exhibit 2D			\$ 8.97
Other USF Recovery Charges				
PIC Manual Change Charge		\$ 4.47		\$ 0.84
PIC Mechanized Change Charge		\$ 1.45		\$ 0.27

**Ameritech Operating Companies (Ameritech)
Wisconsin Universal Service Fee (USF) Rate Development**

4th Quarter 2017 Contribution Factor	Source <i>DA 17-884</i>	(A)	(B) <i>0.188</i>	(C=A*B)
Basic USF Recovery Charge				
<i>Residential / Single-Line Business</i>		Rate		USF Charge
RES Access Recovery Charge (ARC)		0.00		
End User Common Line (EUCL) Rate		5.26		
ARC & EUCL Rate Combined		\$ 5.26		\$ 0.98
BRI ISDN				
				USF Charge
End User Common Line/ARC Rate		\$ 5.26		
BRI ISDN / Centrex Port		<u>\$ 1.58</u>		
Total Basic Interstate End User Revenue		<u>\$ 6.84</u>		\$ 1.28
Multi-line Business				
<i>PBX</i>	Exhibit 2E			\$ 2.35
<i>PRI ISDN</i>	Exhibit 2E			\$ 2.35
<i>CENTREX</i>	Exhibit 2E			\$ 14.66
<i>DTS</i>	Exhibit 2E			\$ 0.26
	Exhibit 2E			\$ 9.99
Other USF Recovery Charges				
PIC Manual Change Charge		\$ 4.32		\$ 0.81
PIC Mechanized Change Charge		\$ 1.44		\$ 0.27

Ameritech Operating Companies (Ameritech)
Illinois Universal Service Fee (USF) Rate Development

4th Quarter 2017 Contribution Factor		Source DA 17-884	(A)	(B) 0.188	(C=A*B) USF Charge
Basic USF Recovery Charge for MLB, PRI, & Centrex					
Multi-line Business, PRI ISDN, CENTREX Lines as of June 2017					
L1	MLB Lines		353,037		
L2	Centrex lines with less than 9 lines		7,774		
L3	Centrex lines with greater than 9 lines		150,187		
L4	PRI ISDN		6,800		
	BUS Access Recovery Charge (ARC)		\$2.15		
	End User Common Line (EUCL) Rate	\$	4.69		
L5	ARC & EUCL Rate Combined		6.84	\$	6.84
MLB, PRI ISDN, Centrex Revenue					
L6	MLB	L5*L1	\$ 2,414,773		
L7	PRI ISDN	L5*L4*5	\$ 232,560		
L8	Centrex	(L5)*(L2+L3)	\$ 1,080,453		
L9	MLB, PRI ISDN, Centrex Revenue	L6:L8	\$ 3,727,786		
L10	MLB, PRI ISDN, Centrex Obligation	L9*USF Factor	\$ 700,824		
L11	PICC Equivalent Centrex Systems Line Counts (As stated in FCC 03-58 released March 14, 2003)		403		
L12		0 L1+(L3/9)+(L4*5)+L11	404,128		
USF Rate per Line					
L13	Basic MLB Rate	(L10/L12)			\$ 1.73
L14	Basic Centrex Rate	L13/9			\$ 0.19
L15	Basic PRI ISDN Rate (excluding Port recovery)	L13*5			\$ 8.65
Recovery Cross Check Verification					
L16	Basic MLB USF Recovery	L1*L13	\$ 610,754		
L17	Basic Centrex USF Recovery	(L3*L14)+(L11*L13)	\$ 29,234		
L18	Basic PRI ISDN USF Recovery	(L4*L15)	\$ 58,820		
L19	Total MLB, PRI ISDN, Centrex Basic USF Recovery (L19 < L10)		\$ 698,808		OK
Additives to the Basic MLB Rate			Rate		
PRI ISDN					
L20	PRI ISDN Port Charge		\$ 15.53		\$ 2.91
DTS					
L21	DTS PORT Charge		\$ 28.18		\$ 5.29
Final Basic MLB, PRI ISDN, & Centrex USF Rates Summary					
L22	MLB	L13			\$ 1.73
L23	PBX	L13			\$ 1.73
L24	PRI ISDN	L15+L20			\$ 11.56
L25	Centrex	L14			\$ 0.19
L26	DTS	(L13 * 2)+L21			\$ 8.75

Ameritech Operating Companies (Ameritech)
Indiana Universal Service Fee (USF) Rate Development

4th Quarter 2017 Contribution Factor		Source DA 17-884	(A)	(B) 0.188	(C=A*B) USF Charge
Basic USF Recovery Charge for MLB, PRI, & Centrex					
Multi-line Business, PRI ISDN, CENTREX Lines as of June 2017					
L1	MLB Lines		96,475		
L2	Centrex lines with less than 9 lines		3,822		
L3	Centrex lines with greater than 9 lines		73,841		
L4	PRI ISDN		1,979		
	BUS Access Recovery Charge (ARC)		\$2.15		
	End User Common Line (EUCL) Rate	\$	5.72		
L5	ARC & EUCL Rate Combined		7.87	\$	7.87
MLB, PRI ISDN, Centrex Revenue					
L6	MLB	L5*L1	\$ 759,258		
L7	PRI ISDN	L5*L4*5	\$ 77,874		
L8	Centrex	(L5)*(L2+L3)	\$ 611,208		
L9	MLB, PRI ISDN, Centrex Revenue	L6:L8	\$ 1,448,340		
L10	MLB, PRI ISDN, Centrex Obligation	L9*USF Factor	\$ 272,288		
L11	PICC Equivalent Centrex Systems Line Counts (As stated in FCC 03-58 released March 14, 2003)		198		
L12		0 L1+(L3/9)+(L4*5)+L11	114,773		
USF Rate per Line					
L13	Basic MLB Rate	(L10/L12)			\$ 2.37
L14	Basic Centrex Rate	L13/9			\$ 0.26
L15	Basic PRI ISDN Rate (excluding Port recovery)	L13*5			\$ 11.85
Recovery Cross Check Verification					
L16	Basic MLB USF Recovery	L1*L13	\$ 228,646		
L17	Basic Centrex USF Recovery	(L3*L14)+(L11*L13)	\$ 19,669		
L18	Basic PRI ISDN USF Recovery	(L5*L15)	\$ 23,451		
L19	Total MLB, PRI ISDN, Centrex Basic USF Recovery (L19 < L10)		\$ 271,766		OK
Additives to the Basic MLB Rate			Rate		
PRI ISDN					
L20	PRI ISDN Port Charge		\$ 15.53		\$ 2.91
DTS					
L21	DTS PORT Charge		\$ 28.18		\$ 5.29
Final Basic MLB, PRI ISDN, & Centrex USF Rates Summary					
L22	MLB	L13			\$ 2.37
L23	PBX	L13			\$ 2.37
L24	PRI ISDN	L15+L20			\$ 14.76
L25	Centrex	L14			\$ 0.26
L26	DTS	(L13 * 2)+L21			\$ 10.03

Ameritech Operating Companies (Ameritech)
Michigan Universal Service Fee (USF) Rate Development

4th Quarter 2017 Contribution Factor		Source DA 17-884	(A)	(B) 0.188	(C=A*B) USF Charge
Basic USF Recovery Charge for MLB, PRI, & Centrex					
Multi-line Business, PRI ISDN, CENTREX Lines as of June 2017					
L1	MLB Lines		207,902		
L2	Centrex lines with less than 9 lines		4,634		
L3	Centrex lines with greater than 9 lines		89,521		
L4	PRI ISDN		4,088		
	BUS Access Recovery Charge (ARC)		\$2.15		
	End User Common Line (EUCL) Rate	\$	5.54		
L5	ARC & EUCL Rate Combined		\$7.69	\$7.69	
MLB, PRI ISDN, Centrex Revenue					
L6	MLB	L5*L1	\$ 1,598,766		
L7	PRI ISDN	L5*L4*5	\$ 157,184		
L8	Centrex	(L5)*(L2+L3)	\$ 724,052		
L9	MLB, PRI ISDN, Centrex Revenue	L6:L8	\$ 2,480,002		
L10	MLB, PRI ISDN, Centrex Obligation	L9*USF Factor	\$ 466,240		
L11	PICC Equivalent Centrex Systems Line Counts (As stated in FCC 03-58 released March 14, 2003)		241		
L12		0 L1+(L3/9)+(L4*5)+L11	238,289		
USF Rate per Line					
L13	Basic MLB Rate	(L10/L12)			\$ 1.95
L14	Basic Centrex Rate	L13/9			\$ 0.21
L15	Basic PRI ISDN Rate (excluding Port recovery)	L13*5			\$ 9.75
Recovery Cross Check Verification					
L16	Basic MLB USF Recovery	L1*L13	\$ 405,409		
L17	Basic Centrex USF Recovery	(L3*L14)+(L11*L13)	\$ 18,799		
L18	Basic PRI ISDN USF Recovery	(L5*L15)	\$ 39,858		
L19	Total MLB, PRI ISDN, Centrex Basic USF Recovery (L19 < L10)		\$ 464,066		OK
Additives to the Basic MLB Rate			Rate		
PRI ISDN					
L20	PRI ISDN Port Charge		\$ 15.53		\$ 2.91
DTS					
L21	DTS PORT Charge		\$ 28.18		\$ 5.29
Final Basic MLB, PRI ISDN, & Centrex USF Rates Summary					
L22	MLB	L13			\$ 1.95
L23	PBX	L13			\$ 1.95
L24	PRI ISDN	L15+L20			\$ 12.66
L25	Centrex	L14			\$ 0.21
L26	DTS	(L13 * 2)+L21			\$ 9.19

Ameritech Operating Companies (Ameritech)
Ohio Universal Service Fee (USF) Rate Development

4th Quarter 2017 Contribution Factor		Source DA 17-884	(A)	(B) 0.188	(C=A*B) USF Charge
Basic USF Recovery Charge for MLB, PRI, & Centrex					
<i>Multi-line Business, PRI ISDN, CENTREX Lines as of June 2017</i>					
L1	MLB Lines		183,668		
L2	Centrex lines with less than 9 lines		3,117		
L3	Centrex lines with greater than 9 lines		60,223		
L4	PRI ISDN		3,881		
	BUS Access Recovery Charge (ARC)		\$2.15		
	End User Common Line (EUCL) Rate	\$	5.58		
L5	ARC & EUCL Rate Combined		\$7.73	\$7.73	
MLB, PRI ISDN, Centrex Revenue					
L6	MLB	L5*L1	\$ 1,419,754		
L7	PRI ISDN	L5*L4*5	\$ 150,001		
L8	Centrex	(L5)*(L2+L3)	\$ 489,618		
L9	MLB, PRI ISDN, Centrex Revenue	L6:L8	\$ 2,059,372		
L10	MLB, PRI ISDN, Centrex Obligation	L9*USF Factor	\$ 387,162		
L11	PICC Equivalent Centrex Systems Line Counts (As stated in FCC 03-58 released March 14, 2003)		162		
L12		0 L1+(L3/9)+(L4*5)+L11	209,926		
USF Rate per Line					
L13	Basic MLB Rate	(L10/L12)		\$	1.84
L14	Basic Centrex Rate	L13/9		\$	0.20
L15	Basic PRI ISDN Rate (excluding Port recovery)	L13*5		\$	9.20
Recovery Cross Check Verification					
L16	Basic MLB USF Recovery	L1*L13	\$ 337,949		
L17	Basic Centrex USF Recovery	(L3*L14)+(L11*L13)	\$ 12,342		
L18	Basic PRI ISDN USF Recovery	(L5*L15)	\$ 35,705		
L19	Total MLB, PRI ISDN, Centrex Basic USF Recovery (L19 < L10)		\$ 385,997		
			OK		
Additives to the Basic MLB Rate			Rate		
L20	PRI ISDN Port Charge		\$ 15.53	\$	2.91
DTS					
L21	DTS PORT Charge		\$ 28.18	\$	5.29
Final Basic MLB, PRI ISDN, & Centrex USF Rates Summary					
L22	MLB	L13		\$	1.84
L23	PBX	L13		\$	1.84
L24	PRI ISDN	L15+L20		\$	12.11
L25	Centrex	L14		\$	0.20
L26	DTS	(L13 * 2)+L21		\$	8.97

Ameritech Operating Companies (Ameritech)
Wisconsin Universal Service Fee (USF) Rate Development

4th Quarter 2017 Contribution Factor		Source DA 17-884	(A)	(B) 0.188	(C=A*B) USF Charge
Basic USF Recovery Charge for MLB, PRI, & Centrex					
Multi-line Business, PRI ISDN, CENTREX Lines as of June 2017					
L1	MLB Lines		97,261		
L2	Centrex lines with less than 9 lines		4,599		
L3	Centrex lines with greater than 9 lines		88,833		
L4	PRI ISDN		2,719		
	BUS Access Recovery Charge (ARC)		\$2.15		
	End User Common Line (EUCL) Rate	\$	5.26		
L5	ARC & EUCL Rate Combined		\$7.41	\$7.41	
MLB, PRI ISDN, Centrex Revenue					
L6	MLB	L5*L1	\$ 720,704		
L7	PRI ISDN	L5*L4*5	\$ 100,739		
L8	Centrex	(L5)*(L2+L3)	\$ 692,331		
L9	MLB, PRI ISDN, Centrex Revenue	L6:L8	\$ 1,513,774		
L10	MLB, PRI ISDN, Centrex Obligation	L9*USF Factor	\$ 284,590		
L11	PICC Equivalent Centrex Systems Line Counts (As stated in FCC 03-58 released March 14, 2003)		239		
L12		0 L1+(L3/9)+(L4*5)+L11	120,965		
USF Rate per Line					
L13	Basic MLB Rate	(L10/L12)			\$ 2.35
L14	Basic Centrex Rate	L13/9			\$ 0.26
L15	Basic PRI ISDN Rate (excluding Port recovery)	L13*5			\$ 11.75
Recovery Cross Check Verification					
L16	Basic MLB USF Recovery	L1*L13	\$ 228,563		
L17	Basic Centrex USF Recovery	(L3*L14)+(L11*L13)	\$ 23,657		
L18	Basic PRI ISDN USF Recovery	(L5*L15)	\$ 31,948		
L19	Total MLB, PRI ISDN, Centrex Basic USF Recovery (L19 < L10)		\$ 284,169		OK
Additives to the Basic MLB Rate			Rate		
PRI ISDN					
L20	PRI ISDN Port Charge		\$ 15.53		\$ 2.91
DTS					
L21	DTS PORT Charge		\$ 28.18		\$ 5.29
Final Basic MLB, PRI ISDN, & Centrex USF Rates Summary					
L22	MLB	L13			\$ 2.35
L23	PBX	L13			\$ 2.35
L24	PRI ISDN	L15+L20			\$ 14.66
L25	Centrex	L14			\$ 0.26
L26	DTS	(L13 * 2)+L21			\$ 9.99

NOTE: Final Basic USF rates have been rounded down to the second decimal.

**AT&T - AMERITECH OPERATING COMPANIES
TELECOMMUNICATIONS RELAY SERVICE
EXOGENOUS COST DETAIL**

Exhibit 2.5

	2016 Annual Interstate End User Revenues (499A) (A)	Rolka Loube Est. 6/2/2017 Telecom Relay (B) = A * 0.02244	DA 17-642 6/30/2017 Telecom Relay (C) = A * 0.02289	<u>Difference</u> (D) = C - B	<u>Annualization</u> (E) = D * 12 / 9
Exogenous Amount	\$ 839,185,386	\$ 18,831,320	\$ 19,208,953	\$ 377,633	\$ 503,511.23
Excluded Revenue	\$ 101,113,002				87.95%
Price Cap Revenue Percentage	87.95%				\$ 442,843

	2016 Annual Total End User Revenues (499A) (A')
Exogenous Amount	\$ 3,095,032,987
Excluded Revenue	\$ 101,113,002
Price Cap Revenue Percentage	96.73%

	<u>Common Line</u>	<u>Special</u>	<u>Price Cap Revenue</u>
499A 2016 Interstate End User Revenues	\$ 647,174,601	\$ 90,897,783	\$ 738,072,384
Allocation Basis	87.68%	12.32%	
Telecom. Relay Support	\$ 388,305	\$ 54,539	\$ 442,843
	\$ 388,305	\$ 54,539	\$ 442,843

**AT&T - AMERITECH OPERATING COMPANIES
SUMMARY OF EXOGENOUS COSTS AND DISTRIBUTIONS
TO NON-ATS SERVICES**

Exhibit 2.6

LINE	DESCRIPTION	'R' VALUE	DISTRIBUTION	EDT EXOG	ITC EXOG	TRS EXOG	REG FEE EXOG	TOTAL
		(A)	(B) = (A/LINE 9A)	(C)	(D)	(E)	(F)	
1	INTERSTATE EXOGENOUS COST TO BE DISTRIBUTED (Exhibit 2.4 b)			-	-			
2	% OF EDT AND ITC EXOG COST W/EXCLUDED SERVICES EXHIBIT 2.5			0.00%	0.00%			
3	EXOGENOUS COSTS TO BE DISTRUBUTED (L1*(1-L2))			-	-	442,843	-	442,843
4	COMMON LINE EUCL AND PICC 'R' (Sum1 Column A, Row 100)	197,685,502	35.38%	-	-	388,305	-	388,305
5	INTEREXCHANGE BASKET 'R'	-	0.00%	-	-			-
6	SPECIAL ACCESS BASKET 'R'	361,019,623	64.62%	-	-	54,539	-	54,539
7	TOTAL (SUM L4 THRU L8)	558,705,125	100.00%	-	-	442,843	-	442,843

**Effective 10/01/2003 TRS and Reg Fee Exogenous is only spread between the Common Line and Special Access Baskets

AT&T - AMERITECH OPERATING COMPANIES
RATE COMPARISON

Exhibit 3A

REGION	STATE	RATE ELEMENT	CURRENT RATE	PROPOSED RATE
AMTR	IL	PRIMARY RESIDENCE EUCL	\$4.68	\$4.69
AMTR	IL	SINGLE LINE BUSINESS EUCL	\$4.68	\$4.69
AMTR	IL	MULTILINE BUSINESS EUCL	\$4.68	\$4.69
AMTR	IL	PRI ISDN EUCL	\$4.68	\$4.69
AMTR	IL	NON-PRIMARY RESIDENCE EUCL	\$4.68	\$4.69
AMTR	IL	BRI ISDN EUCL	\$4.68	\$4.69
AMTR	IL	BUSINESS CENTREX EUCL	\$4.68	\$4.69
AMTR	IL	LIFELINE EUCL	\$4.68	\$4.69

AT&T - AMERITECH OPERATING COMPANIES
RATE COMPARISON

Exhibit 3B

REGION	STATE	RATE ELEMENT	CURRENT RATE	PROPOSED RATE
AMTR	IN	PRIMARY RESIDENCE EUCL	\$5.71	\$5.72
AMTR	IN	SINGLE LINE BUSINESS EUCL	\$5.71	\$5.72
AMTR	IN	MULTILINE BUSINESS EUCL	\$5.71	\$5.72
AMTR	IN	PRI ISDN EUCL	\$5.71	\$5.72
AMTR	IN	NON-PRIMARY RESIDENCE EUCL	\$5.71	\$5.72
AMTR	IN	BRI ISDN EUCL	\$5.71	\$5.72
AMTR	IN	BUSINESS CENTREX EUCL	\$5.71	\$5.72
AMTR	IN	LIFELINE EUCL	\$5.71	\$5.72

AT&T - AMERITECH OPERATING COMPANIES
RATE COMPARISON

Exhibit 3C

REGION	STATE	RATE ELEMENT	CURRENT RATE	PROPOSED RATE
AMTR	MI	PRIMARY RESIDENCE EUCL	\$5.53	\$5.54
AMTR	MI	SINGLE LINE BUSINESS EUCL	\$5.53	\$5.54
AMTR	MI	MULTILINE BUSINESS EUCL	\$5.53	\$5.54
AMTR	MI	PRI ISDN EUCL	\$5.53	\$5.54
AMTR	MI	NON-PRIMARY RESIDENCE EUCL	\$5.53	\$5.54
AMTR	MI	BRI ISDN EUCL	\$5.53	\$5.54
AMTR	MI	BUSINESS CENTREX EUCL	\$5.53	\$5.54
AMTR	MI	LIFELINE EUCL	\$5.53	\$5.54

AT&T - AMERITECH OPERATING COMPANIES
RATE COMPARISON

Exhibit 3D

REGION	STATE	RATE ELEMENT	CURRENT RATE	PROPOSED RATE
AMTR	OH	PRIMARY RESIDENCE EUCL	\$5.57	\$5.58
AMTR	OH	SINGLE LINE BUSINESS EUCL	\$5.57	\$5.58
AMTR	OH	MULTILINE BUSINESS EUCL	\$5.57	\$5.58
AMTR	OH	PRI ISDN EUCL	\$5.57	\$5.58
AMTR	OH	NON-PRIMARY RESIDENCE EUCL	\$5.57	\$5.58
AMTR	OH	BRI ISDN EUCL	\$5.57	\$5.58
AMTR	OH	BUSINESS CENTREX EUCL	\$5.57	\$5.58
AMTR	OH	LIFELINE EUCL	\$5.57	\$5.58

AT&T - AMERITECH OPERATING COMPANIES
RATE COMPARISON

Exhibit 3E

REGION	STATE	RATE ELEMENT	CURRENT RATE	PROPOSED RATE
AMTR	WI	PRIMARY RESIDENCE EUCL	\$5.25	\$5.26
AMTR	WI	SINGLE LINE BUSINESS EUCL	\$5.25	\$5.26
AMTR	WI	MULTILINE BUSINESS EUCL	\$5.25	\$5.26
AMTR	WI	PRI ISDN EUCL	\$5.25	\$5.26
AMTR	WI	NON-PRIMARY RESIDENCE EUCL	\$5.25	\$5.26
AMTR	WI	BRI ISDN EUCL	\$5.25	\$5.26
AMTR	WI	BUSINESS CENTREX EUCL	\$5.25	\$5.26
AMTR	WI	LIFELINE EUCL	\$5.25	\$5.26