TARIFF DISTRIBUTION

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| DATE: | August 14, 2015 |
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PURPOSE: ADE Cross-Connects

| TARIFF SECTION | PAGE NUMBER | PAGE REVISION |
|-----------------------|-------------|---------------|
| 2000 | 1 | 1653 |
| 2000 | 1.15 | 0065 |
| 2016 | 605.2 | 0008 |
| 2016 | 614 | 0015 |
| 2016 | 623.1 | 0016 |
| 2016 | 623.2 | 0000 |

Title pages 1 and 2 and pages 1 to 846 inclusive of this tariff are effective as of the date shown. Original and revised pages as named below and Supplement No. 341 contain all changes from the original tariff that are in effect on the date hereof.

| | Number of Revision Except as | | Number of Revision Except as Indicated | | Number of Revision Except as Indicated |
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| Title 2 | 12th | 7.1 | 4th | 19.4 | 1st |
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| 1.1 | 368th | 8.1 | 5th | 20.1 | 5th |
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| 1.3 | 293rd | 9.1 | 1st | 21 | 4th |
| 1.4 | 250th | 10 | 28th | 22 | 1st |
| 1.5 | 239th | 10.1 | 12th | 23 | 3rd |
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| 1.7 | 149th | 11 | 4th | 25 | 3rd |
| 1.8 | 126th | 12 | 10th | 25.1 | 1st |
| 1.9 | 158th | 13 | 6th | 25.2 | 1st |
| 1.10 | 50th | 13.1 | 6th | 26 | 3rd |
| 1.11 | 62nd | 13.2 | 10th | 27 | 9th |
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| 1.13 | 15th | 13.4 | 21st | 28.1 | 5th |
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| 1.19 | 45th | 14 | 3rd | 34.1 | 1st |
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| 6 | 5th | 19 | 27th | 38.3 | 4th |
| 6.1 | 6th | 19.1 | 13th | 38.4 | 4th |
| 6.2 | 6th | 19.2 | 15th | | |

* New or Revised Page

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| | Number of | | Number of | | Number of |
|----------------|------------------|------------|------------------|------------------|----------------------|
| | Revision | | Revision | | Revision |
| Dama | Except as | Dava | Except as | Dava | Except as |
| Page 605 | Indicated 6th | Page | Indicated 4th | Page 681 | Indicated |
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| 606 | 7th | 649 | 2nd | 684 | Original |
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| 607 | 5th | 653 | 4th | 688 | 1st |
| 608 | 8th | 654 | 5th | 689 | 5th |
| 609 | 5th | 655 | 2nd | 689.1 | 4th |
| 609.1 | 2nd | 655.1 | Original | 690 | 7th |
| 610 | 3rd | 655.2 | Original | 691 | Original |
| 611 | 4th | 655.3 | 2nd | 692 | Original |
| 611.1 | 3rd | 655.4 | 2nd | 693 | Original |
| 612 | 5th | 655.5 | 3rd | 694 | Original |
| 613 | 6th | 655.6 | 1st | 694.1 | ັ5th |
| 614 | 15th* | 656 | Original | 694.1.1 | Original |
| 615 | 9th | 657 | Original | 694.2 | Original |
| 615.1 | 4th | 658 | Original | 694.3 | Original |
| 616 | 9th | 659 | 11th | 694.4 | 1st |
| 616.1 | Original | 659.1 | 1st | 694.5 | 1st |
| 617 | 9th | 660 | 4th | 694.6 | 1st |
| 617.1 | 5th | 661 | 1st | 694.7 | 1st |
| 617.2 | 3rd | 662 | 4th | 694.8 | 1st |
| 618 | 2nd | 663 | 4th | 694.9 | 1st |
| 619 | 9th | 664 | 9th | 694.10 | 1st |
| 619.1 | Original | 665 | 4th | 694.11 | 1st |
| 620 | 8th | 666 | 4th | 694.12 | 1st |
| 621 | 8th | 667 | 2nd | 694.13 | 1st |
| 622 | 5th | 668 | 6th | 694.14 | 1st |
| 623 | 10th | 669 | 4th | 694.15 | 1st |
| 623.1 | 16th* | 670 | 6th | 694.16 | 1st |
| 623.2 | Original* | 670.1 | 3rd | 694.17 | 1st |
| 624 | 2nd | 671 | 6th | 694.18 | 1st |
| 625 | 7th | 671.1 | 2nd | 694.19 | 1st |
| 626 | 8th | 672 | 5th | 694.20 | 1st |
| 627 | 8th | 672.1 | 2nd | 694.21 | 1st |
| 628 620 | 5th | 673 | 5th | 694.22 | 1st |
| 629 630 | 5th 4th | 674 675 | 4th 5th | 694.23 694.24 | 1st |
| 631 | 5th | 676 | 5th | 694.24 | 1st 1st |
| 632 | 5th | 677 | 4th | 694.25 | 1st 1st |
| 633 | 4th | 678 | 3rd | 694.20 | 4th |
| 634 | 5th | 678.1 | 4th | 694.28 | 1st |
| 635 | 4th | 679 | 6th | 695 | 3rd |
| 636 | 4th | 679.1 | 5th | 696 | 3rd |
| 637 | 5th | 679.2 | 3rd | 697 | 2nd |
| 638 | 5th | 679.2.1 | 1st | 698 | 2nd 2nd |
| 639 | 8th | 679.3 | 2nd | 699 | 2nd 2nd |
| 640 | 5th | 679.4 | 3rd | 700 | 5th |
| 641 | 7th | 679.5 | 2nd | 701 | 5th |
| 642 | 5th | 679.6 | 1st | 702 | 5th |
| 643 | 5th | 679.7 | 1st | 703 | 4th |
| 644 | 5th | 679.8 | 1st | 704 | 4th |
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| 645 | 4th | | J | | |
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* New or Revised Page

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- 16. Ameritech Interconnection Services (Cont'd)
 - 16.1 Ameritech Central Office Interconnection (Cont'd)
 - 16.1.3 Rate Categories (Cont'd)
 - (M) Digital Cross-Connection Panel

The Digital Cross-Connection Panel (DSX) provides a termination field for DS1, DS3, LT1 or LT3 derived channels from which Ameritech Cross-Connection Service for Interconnection (ACCSI) connections may be made. For each DS3 channel requested in the OLTM System configuration, one DSX-3 termination is required. For DS1 channels requested in the OLTM System configuration, one DSX-1 panel is required for each 56 DS1 channels.

(N) Optical Cross-Connection Panel

The Optical Cross-Connection Panel (OCX) provides a termination field for OC3, OC12, OC48, GigaMAN[®] 1 Gigabit Ethernet, OPT-E-MANSM 1 Gigabit Ethernet, AT&T Switched Ethernet ServiceSM (1 and 10 Gigabit Ethernet), AT&T Dedicated (N) Ethernet Service (1, 2.5, 10, 40 and 100 Gigabit Ethernet), DecaMAN[®] 10 Gigabit (N) Ethernet or WaveMANSM (OC48 and OC192) derived channels from which Ameritech Cross-Connection Service for Interconnection (ACCSI) connections may be made. For each OC-n *channel requested in the OLTM System configuration, one OC-n termination is* required of the same type. The OCX panel is configured in 3 segments with each segment providing a maximum of 24 terminations. The rate element is applicable per OCX panel segment. All optical interconnections within an Ameritech central office will only support single mode fiber termination.

- (O) Optional Features and Functions
 - (1) Transmission Node Enclosure This rate category provides for a lockable 8' high wire mesh perimeter security fence to be placed around the customer's Transmission Node. The Transmission Node Enclosure rate category is composed of two nonrecurring rate elements; the initial Transmission Node Enclosure charge and the additional Transmission Node Enclosure charge. The initial Transmission Node Enclosure charge applies for the first 100 sq. ft. of Central Office Floor Space enclosed. The additional 100 sq. ft. of Central Office Floor Space that is contiguous with the initial 100 sq. ft. of floor space and is ordered at the same time as the initial 100 sq. ft. of Central Office Floor Space, otherwise the initial Transmission Node Enclosure charge applies.

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- 16. Ameritech Interconnection Services (Cont'd)
 - 16.3. Ameritech Virtual Optical Interconnection Service (AVOIS) (Cont'd)
 - 16.3.6 Rate Categories (Cont'd)
 - (G) 200 Conductor Electrical Cross-Connection Block

The 200 Conductor Cross-Connection Block provides a termination field for Telegraph Grade, Voice Grade, Direct Analog or Ameritech Base Rate (2.4, 4.8, 9.6, 56.0 and 64 Kbps) digital derived channels from which Cross-Connection Service for Interconnection connections may be made. Each 200 Conductor Electrical Cross-Connection Block provides a 200 conductor capacity for terminations.

(H) Digital Cross-Connection Panel

The Digital Cross-Connection Panel (DSX) provides a termination field for DS1, DS3, LT1 or LT3 derived channels from which Cross-Connection Service for Interconnection (ACCSI) connections may be made. For each DS3 channel requested in the OLTM System configuration, one DSX-3 termination is required. For DS1 channels requested in the OLTM System configuration, one DSX-1 panel is required for each 56 DS1 channels.

(I) Optical Cross-Connection Panel

The Optical Cross-Connection Panel (OCX) provides a termination field for OC3, OC12, OC48, GigaMAN® 1 Gigabit Ethernet, OPT-E-MAN[®] 1 Gigabit Ethernet, AT&T Switched Ethernet ServiceSM (1 and 10 Gigabit Ethernet), AT&T (N) Dedicated Ethernet Service (1, 2.5, 10, 40 and 100 Gigabit Ethernet), CSME 1 (N) Gigabit Ethernet, DecaMAN[®] 10 Gigabit Ethernet or WaveMANSM (OC48 and OC192) derived channels from which Cross-Connection Service for Interconnection (ACCSI) connections may be made. For each OC-n channel requested in the OLTM System configuration, one OC-n termination is required of the same type. The OCX panel is configured in 3 segments with each segment providing a maximum of 24 terminations. The rate element is applicable per OCX panel segment. All optical interconnections within a Central Office will only support single mode fiber termination.

(J) Digital Timing Source

The optional Digital Timing Source rate category provides for the digital timing, traceable to a stratum one clock that is required by customers to synchronize their digital services with the Telephone Company services with which they interconnect. The Digital Timing Source charge is a monthly recurring charge.

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16. Ameritech Interconnection Services (Cont'd)

16.5 Rates and Charges (Cont'd)

(B)

(4) Ameritech Cross-Connection Service for Interconnection (ACCSI) - for all AIS Services (Cont'd)

| (ACCSI) - Ior all AIS Services (Cont d) Nonrecuri | | | | |
|---|--------------------------------|------------------------------|----------------------|--|
| Special Access Connect | <u>USOC</u> tions: (Cont'd) | Monthly | <u>Charge</u> | |
| DS1 Wisconsin Only All Other States | CXCDX CXCDX | \$0.52 \$6.89 | N/A N/A | |
| DS3 Wisconsin Only All Other States OC-3 | CXCEX CXCEX CXCMX/OCCCX | \$0.96 \$1.01 \$104.00 | N/A N/A N/A | |
| OC-12 | CXCNX/OCCDX | \$550.00 | N/A | |
| OC-48 | CXCZX/OCCFX | \$1,100.00 | N/A | |
| OC-192 | CZCAX/OCCGX | \$8,250.00 | N/A | |
| WaveMAN SM OC-48 OC-192 | CXCZX C2CAX | \$1,880.00 \$3,760.00 | \$400.00 \$400.00 | |
| Ethernet Optical Collocation Cross-Connect | CCCA2 | \$750.00 | \$400.00 | |
| GigaMAN [®] - 1 Gigabit Etherne | et OCLGX | \$1,500.00 | \$400.00 | |
| AT&T Switched Ethernet Service SM - 1 Gigabit Etherne - 10 Gigabit Ethern | | \$0.45 \$0.45 | \$97.98 \$97.98 | |
| OPT-E-MAN [®] - 1 Gigabit Etherne | et OCLGX | \$100.00 | \$200.00 | |
| CSME - 1 Gigabit Etherne | et OCLGX | \$100.00 | \$200.00 | |
| DecaMAN [®] - 10 Gigabit Ethern | et OCLHX | \$3,500.00 | \$400.00 | |

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16. Ameritech Interconnection Services (Cont'd)

16.5 Rates and Charges (Cont'd)

- (4) Ameritech Cross-Connection Service for Interconnection (ACCSI) - for all AIS Services (Cont'd)
- (B) Special Access Connections: (Cont'd)

| | <u>USOC</u> | <u>Monthly</u> | Nonrecurring Charge | |
|---|--------------------|-----------------|------------------------|------------|
| AT&T Dedicated Ethernet Service: | | | | (N) |
| 1 Gigabit Ethernet 2.5 Gigabit – Optical | OCLGX | \$0.39 | \$139.01 | |
| Transport Unit 1 (OTU1) - 10 Gigabit Ethernet/Optical Transport Unit 2, 2e | OCLAX | \$0.39 | \$139.01 | |
| (OTU2/OTU2e) - 40 Gigabit Ethernet/Optical | OCLHX | \$0.39 | \$139.01 | |
| Transport Unit 3 (OTU3) - 100 Gigabit Ethernet/Optical | OCLBX | \$0.39 | \$139.01 | |
| Transport Unit 4 (OTU4) | OCLCX | \$0.39 | \$139.01 | (N) |
| Digital Network Access Line Cor - LT-1 (1.544 Mbps) | nections: CXCHX | Apply rates, ch | arges as CXCDX | (M) (M) |

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(C)