TARIFF DISTRIBUTION

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PURPOSE: Grandfather GigaMAN Service

| TARIFF SECTION | PAGE NUMBER | PAGE REVISION |
|----------------|-------------|---------------|
| 0015 | 86 | 0005 |
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| 0015 | 87 | 0004 |
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| | | |

5th Revised Sheet 86 Cancels 4th Revised Sheet 86

19. GigaMAN® Service^{/1/}

(C)

A. Description

(For description, see Wisconsin Guidebook, Part 20, Section 15)

(T)

B. Definitions

(For definitions, see Wisconsin Guidebook, Part 20, Section 15)

(T)

C. Terms and Conditions

(For terms and conditions, see Wisconsin Guidebook, Part 20, Section 15)

(T)

D. Features

(For features, see Wisconsin Guidebook, Part 20, Section 15)

(T)

® GigaMAN is a registered trademark of AT&T Intellectual Property

(T) (N)

/1/ Effective September 30, 2017, GigaMAN Service will no longer be available for purchase by new or existing customers. The Company will no longer accept orders for adds, moves, changes or new term plans for GigaMAN Service, and existing term plans may not be renewed, converted or extended. Following the expiration of a customer's existing GigaMAN term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued.

(N)

Issued: September 30, 2017

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1st Revised Sheet 86.1 Cancels Original Sheet 86.1

19. GigaMAN® Service/1/ (Cont'd)

(C)

(N)

(N)

E. Technical References

The Carrier's customer interface to the GigaMAN Service is as specified in:

Subject Technical Reference

Ethernet Standards for the SBC Local SBC-TP-76412-000

Exchange Companies

Network Performance Parameters for Dedicated ANSI T1.503-2002

Digital Services - Definitions and Measurements

The Technical Reference may be obtained from:

APEx Support Team (734) 523-7348

The ANSI publication can be obtained from:

Alliance for Telecommunications Industry Solutions 1200 G. Street, NW Suite 500 Washington, DC 20005

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19. GigaMAN® Service/3/ (Cont'd)

(C)

F. Prices

This tariff is filed under sec. 196.194 Wis. Stats. Therefore, any contract or amendment to such a contract shall be compensatory as determined under Sec. 196.204 (5) and (6) Wis. Stats. Within 20 days after a contract or an amendment to such a contract has been executed, the Company shall submit to the Commission written notice of the general nature of the contract and the parties to the contract.

The receipt of notification of any contract or amendment to a contract established under this tariff shall not constitute approval of all terms and provisions therein. The Commission retains jurisdiction to investigate on its own motion or upon complaint any contractual term or provision under which the tariffed service is offered, and to take any necessary action pursuant to such investigation, including issuing orders.

1. Service Elements

| Description /Billing Code/ | Nonrecurring <u>Charge</u> |
|--|-------------------------------|
| Administrative Charge ^{/1/} - per service order /ORCMX/ | \$128.80 |
| Design and Central Office Connection Charge ^{/1/} - per circuit /NRBCL/ | 211.60 |
| Customer Connection Charge ^{/1/} - per premises node and wire center terminations /NRBBL/ | 694.60 |
| Protection Options | |
| Per terminating end | |
| - Equipment Only /CPAEX/ | 575.00 |
| - Equipment Plus Fiber Path Protection, with: | 1 200 00 |
| Alternate Wire Center Path Protection /CPAFX/, or Local Channel Path Protection /CPAGX/ | 1,288.00 1,127.00 |
| Per rack or cabinet | 1,127.00 |
| - Power Protection /VBBGX/ | 437.00 |
| Per circuit | |
| Inter-Wire Center Path Protection^{/2/}/CPAHX/ | 575.00 |

^{/1/} Nonrecurring charges will be waived for those Carrier's customers selecting the 36 or 60 month Term Payment Plan (TPP) period for new service.

/3/ Effective September 30, 2017, GigaMAN Service will no longer be available for purchase by new or (N) existing customers. The Company will no longer accept orders for adds, moves, changes or new term plans for GigaMAN Service, and existing term plans may not be renewed, converted or extended. Following the expiration of a customer's existing GigaMAN term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued.

(N)

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^{/2/} Inter-Wire Center Path Protection must be ordered in conjunction with an Equipment Protection option at each end of the circuit.

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19. GigaMAN® Service/2/ (Cont'd)

(C)

F. Prices (Cont'd)

1. Service Elements (Cont'd)

| | Monthly Payment Term Payment Plans | | | | | | |
|--|-------------------------------------|--------------------|----------------------|---------------------|----------------------|--|--|
| Description /Billing Code/ | 12 <u>Months</u> | 24 Months | 36 Months | 60 <u>Months</u> | Monthly Extension | | |
| Node Termination - per point of termination /N2TDX/ | \$3,036.00 | \$2,852.00 | \$2,622.00 | \$2,300.00 | \$3,496.00 | | |
| Wire Center Termination - per termination /CTJ/ | 115.00 | 101.20 | 92.00 | 46.00 | 115.00 | | |
| Channel Mileage - per inter-wire center mile /3LN5S/ | 115.00 | 105.80 | 92.00 | 69.00 | 115.00 | | |
| Repeater - each /VU4/ - each /M1RGX/ ^{/1/} | 2,208.00 2,208.00 | 1,564.00 | 1,058.00 1,058.00 | 782.00 782.00 | 2,300.00 2,300.00 | | |
| Diversity Options - Local Channel /CPAL) Inter-Wire Center | | 690.00 | 690.00 | 690.00 | 690.00 | | |
| /CPATX/ - Alternate Wire Center /CPAAX/ | 460.00 1,104.00 | 460.00 1,104.00 | 460.00 1,104.00 | 460.00 1,104.00 | 460.00 1,104.00 | | |

Monthly Daymont

/2/ Effective September 30, 2017, GigaMAN Service will no longer be available for purchase by new or existing customers. The Company will no longer accept orders for adds, moves, changes or new term plans for GigaMAN Service, and existing term plans may not be renewed, converted or extended. Following the expiration of a customer's existing GigaMAN term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued.

| (N)

(N)

Issued: September 30, 2017 Effective: September 30, 2017

^{/1/} Effective September 24, 2003, service arrangements utilizing a legacy mid-span repeater (/M1RGX/) are no longer available for Carrier's new customers. Should Carrier's existing customers utilizing a legacy mid-span repeater disconnect (or relocate one end of) their service, the legacy mid-span repeater will no longer be available. The new equipment platform must be used in those scenarios.

1st Revised Sheet 88.1 Cancels Original Sheet 88.1

19. GigaMAN[®] Service^{/2/} (Cont'd)

(C)

F. Prices (Cont'd)

1. Service Elements (Cont'd)

| | Monthly Payment | | | | | |
|---|---------------------|--------------------------------|------------------------------------|---------------------|----------------------|--|
| Description /Billing Code/ | 12 <u>Months</u> | 1erm Pa 24 <u>Months</u> | yment Plans 36 <u>Months</u> | 60 <u>Months</u> | Monthly Extension | |
| Protection Options Per terminating end - Equipment Only /CPAEX/ - Equipment Plus Fiber Path Protection, with: Alternate Wire Center | \$1,265.00 | \$1,127.00 | \$966.00 | \$828.00 | \$1,380.00 | |
| Path Protection /CPAFX/ | 1,866.00 | 1,692.80 | 1,472.00 | 1,288.00 | 2,263.20 | |
| Local Channel Path Protection /CPAGX/ | 1,679.00 | 1,518.00 | 1,311.00 | 1,127.00 | 2,014.80 | |
| Per rack or cabinet - Power Protection, /VBBGX/ | 575.00 | 483.00 | 441.60 | 400.20 | 644.00 | |
| Per Circuit - Inter-Wire Center Path Protection/1/ /CPAHX/ | 345.00 | 184.00 | 138.00 | 92.00 | 437.00 | |

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^{/1/} Inter-Wire Center Path Protection must be ordered in conjunction with an Equipment Protection option at each end of the circuit.

^{/2/} Effective September 30, 2017, GigaMAN Service will no longer be available for purchase by new or existing customers. The Company will no longer accept orders for adds, moves, changes or new term plans for GigaMAN Service, and existing term plans may not be renewed, converted or extended. Following the expiration of a customer's existing GigaMAN term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued. (N)

2nd Revised Sheet 89 Cancels 1st Revised Sheet 89

19. GigaMAN Service/1/ (Cont'd)

(C)

F. Prices (Cont'd)

2. Payment Plans

(For payment plans, see Wisconsin Guidebook, Part 20, Section 15)

(T)

3. Termination Charges

(For termination charges, see Wisconsin Guidebook, Part 20, Section 15)

(T)

4. Credit Allowance

(For credit allowance, see Wisconsin Guidebook, Part 20, Section 15)

(T)

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(N)

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