The Public Utilities Commission of Ohio

TELECOMMUNICATIONS APPLICATION FORM for ROUTINE PROCEEDINGS

(Effective: 09/19/2007)

(Pursuant to Case No. 06-1345-TP-ORD)

In the Matter of the Application of AT&T Ohio)
to introduce new Ethernet Enhancements for both the)
OC-n PTP and Dedicated Ring products.)

TRF Docket No. 90-5032-TP-TRF

Case No. __ - ____ -**TP** - ____

NOTE: Unless you have reserved a Case # or are filing a Contract, leave the "Case No" fields BLANK.

Name of Registrant(s) AT&T Ohio
DBA(s) of Registrant(s) The Ohio Bell Telephone Company uses the name AT&T Ohio
Address of Registrant(s) 150 East Gay Street
Company Web Address www.att.com
Regulatory Contact Person(s) Maryann H. Mackey Phone 216 822-0086
Regulatory Contact Person's Email Address mm4182@att.com
Contact Person for Annual Report Michael R. Schaedler Phone 216 822-8307
Address (if different from above) 45 Erieview Plaza Suite 1500 Cleveland, Ohio 44114
Consumer Contact Information Kathy Gentile-Klein Phone 216 822-2395
Address (if different from above) 45 Erieview Plaza Suite 1500 Cleveland, Ohio 44114

Motion for protective order included with filing? ☐Yes ■ No

Motion for waiver(s) filed affecting this case? ☐Yes ■ No [Note: Waivers may toll any automatic timeframe.]

Section I – Pursuant to Chapter 4901:11-6 OAC – Part I – Please indicate the Carrier Type and the reason for submitting this form by checking the boxes below. *CMRS providers: Please see the bottom of Section II.*

NOTES: (1) For requirements for various applications, see the identified section of Ohio Administrative Code Section 4901 and/or the supplemental application form noted.

(2) Information regarding the number of copies required by the Commission may be obtained from the Commission's web site at www.puco.ohio.gov under the docketing information system section, by calling the docketing division at 614-466-4095, or by visiting the docketing division at the offices of the Commission.

Carrier Type ☐ Other (explain below)	■LEC	□ CLEC	□ CTS	□ AOS/IOS
Tier 1 Regulatory Treatment				
Change Rates within approved Range	□ TRF *1-6-04(B)* (0 day Notice)	□ TRF *1-6-04(B)* (0 day Notice)		
New Service, expanded local calling area,	□ ZTA *1-6-04(B)* (0 day Notice)	□ ZTA *1-6-04(B)* (0 day Notice)		
Change Terms and Conditions, Introduce non-recurring service charges	□ ATA *1-6-04(B)* (Auto 30 days)	□ ATA *1-6-04(B)* (Auto 30 days)		
Introduce or Increase Late Payment or Returned Check Charge	□ ATA *1-6-04(B)* (Auto 30 days)	□ ATA *1-6-04(B)* (Auto 30 days)		
Business Contract	□ CTR *1-6-17* (0 day Notice)	□ CTR *1-6-17* (0 day Notice)		
Withdrawal	□ ATW *1-6-12(A)* (Non-Auto)	□ ATW *1-6-12(A)* (Auto 30 days)		
Raise the Ceiling of a Rate	Not Applicable	□ SLF *1-6-04(B)* (Auto 30 days)		
Tier 2 Regulatory Treatment				
Residential - Introduce non-recurring service charges	□ TRF *1-6-05(E)* (0 day Notice)	□ TRF *1-6-05(E)* (0 day Notice)		
Residential - Introduce New Tariffed Tier 2 Service(s)	□ TRF *1-6-05(C)* (0 day Notice)	□ TRF *1-6-05(C)* (0 day Notice)	□TRF *1-6-05(C)* (0 day Notice)	
Residential - Change Rates, Terms and Conditions, Promotions, or Withdrawal	□ TRF *1-6-05(E)* (0 day Notice)	□ TRF *1-6-05(E)* (0 day Notice)	□ TRF *1-6-05(E)* (0 day Notice)	
Residential - Tier 2 Service Contracts	□ CTR *1-6-17* (0 day Notice)	□ CTR *1-6-17* (0 day Notice)	□ CTR *1-6-17* (0 day Notice)	
Commercial (Business) Contracts	Not Filed	Not Filed	Not Filed	
Business Services *(see "Other" below)*	Detariffed	Detariffed	Detariffed	
Residential & Business Toll Services *(see "Other" below)*	Detariffed	Detariffed	Detariffed	

Section I – Part II – Certificate Status and Procedural

Certificate Status	ILEC	CLEC	CTS	AOS/IOS
Certification **(See Supplemental ACE form)**		□ACE *1-6-10* (Auto 30 days)	□ACE *1-6-10* (Auto 30 days)	□ ACE *1-6-10* (Auto 30 days)
Add Exchanges to Certificate	□ ATA *1-6-09(C)* (Auto 30 days)	□ AAC *1-6-10(F)* (0 day Notice)	CLECs must attach a current CLEC Exchange Listing Form	
Abandon all Services - With Customers	□ ABN *1-6-11(A)* (Non-Auto)	□ ABN *1-6-11(A)* (Auto 90 day)	□ ABN *1-6-11(B)* (Auto 14 day)	□ ABN *1-6-11(B)* (Auto 14 day)
Abandon all Services - Without Customers		□ ABN *1-6-11(A)* (Auto 30 days)	□ ABN *1-6-11(B)* (Auto 14 day)	□ ABN *1-6-11(B)* (Auto 14 day)
Change of Official Name	□ ACN *1-6-14(B)* (Auto 30 days)	□ ACN *1-6-14(B)* (Auto 30 days)	□ CIO *1-6-14(A)* (0 day Notice)	□ CIO *1-6-14(A)* (0 day Notice)
Change in Ownership	□ ACO *1-6-14(B)* (Auto 30 days)	□ ACO *1-6-14(B)* (Auto 30 days)	□ CIO *1-6-14(A)* (0 day Notice)	□ CIO *1-6-14(A)* (0 day Notice) (
Merger	□ AMT *1-6-14(B)* (Auto 30 days)	□ AMT *1-6-14(B)* (Auto 30 days)	□ CIO *1-6-14(A)* (0 day Notice)	□ CIO *1-6-14(A)* (0 day Notice)
Transfer a Certificate	□ ATC *1-6-14(B)* (Auto 30 days)	□ ATC *1-6-14(B)* (Auto 30 days)	□ CIO *1-6-14(A)* (0 day Notice)	□ CIO *1-6-14(A)* (0 day Notice)
Transaction for transfer or lease of property, plant or business	□ ATR *1-6-14(B)* (Auto 30 days)	□ ATR *1-6-14(B)* (Auto 30 days)	□ CIO *1-6-14(A)* (0 day Notice)	□ CIO *1-6-14(A)* (0 day Notice)
Procedural				
Designation of Process Agent(s)	□ TRF (0 day Notice)	□ TRF (0 day Notice)	□ TRF (0 day Notice)	□TRF (0 day Notice)

All Section I applications that result in a change to one or more tariff pages require, at a minimum, the following exhibits. Other exhibits may be required under the applicable rule(s).

Exhibit	Description:
A	The tariff pages subject to the proposed change(s) as they exist before the change(s)
B	The Tariff pages subject to the proposed change(s), reflecting the change, with the change(s) marked in the right margin.
C	A short description of the nature of the change(s), the intent of the change(s), and the customers affected.
D	A copy of the notice provided to customers, along with an affidavit that the notice was provided according to the applicable rule(s).

Section II – Carrier to Carrier (Pursuant to 95-845-TP-COI), CMRS and Other

Carrier to Carrier	ILEC	CLEC		
Interconnection agreement, or amendment to an approved agreement	□ NAG (Auto 90 day)	□ NAG (Auto 90 day)		
Request for Arbitration	□ ARB (Non-Auto)	□ ARB (Non-Auto)		
Introduce or change c-t-c service tariffs,		□ ATA (Auto 30 day)		
Introduce or change access service pursuant to 07-464-TP-COI	□ ATA (Auto 30 day)			
Request rural carrier exemption, rural carrier suspension or modification	□ UNC (Non-Auto)	□ UNC (Non-Auto)		
Pole attachment changes in terms and conditions and price changes.	□ UNC (Non-Auto)	□ UNC (Non-Auto)		
CMRS Providers See 4901:1-6-15	□ RCC [Registration & Change in Operations] (0 day)		□ NAG [Interconnection Agreement or Amendment] (Auto 90 days)	
Other* This filing introduces Ethernet Enhancements to OC-n Point-to-Point Service and OC-n Dedicated Ring Service which are non-residential tier 2 services.				

**NOTE: During the interim period between the effective date of the rules and an Applicant's Detariffing Filing, changes to existing business Tier 2 and all toll services, including the addition of new business Tier 2 and all new toll services, will be processed as 0-day TRF filings, and briefly described in the "Other" section above.*

Section III. – Attestation
Registrant hereby attests to its compliance with pertinent entries and orders issued by the Commission.

AFFIDAVIT

Compliance with Commission Rules and Service Standards

I am an officer/agent of the applicant corporation, AT&T Ohio , and am authorized to make this statement on its behalf.

I attest that these tariffs comply with all applicable rules, including the Minimum Telephone Service Standards (MTSS) Pursuant to Chapter 4901:1-5 OAC for the state of Ohio. I understand that tariff notification filings do not imply Commission approval and that the Commission's rules, including the Minimum Telephone Service Standards, as modified and clarified from time to time, supersede any contradictory provisions in our tariff. We will fully comply with the rules of the state of Ohio and understand that noncompliance can result in various penalties, including the suspension of our certificate to operate within the state of Ohio.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on October 12, 2007 at Cleveland, Ohio

*/s/ Maryann H. Mackey October 12, 2007
Sr. Director, Regulatory Affairs

- *This affidavit is required for every tariff-affecting filing. It may be signed by counsel or an officer of the applicant, or an authorized agent of the applicant.*

VERIFICATION

I, Maryann H. Mackey verify that I have utilized the Telecommunications Application Form for Routine Proceedings provided by the Commission and that all of the information submitted here, and all additional information submitted in connection with this case, is true and correct to the best of my knowledge.

* /s/ Maryann H. Mackey Sr. Director, Regulatory Affairs October 12, 2007

**Verification is required for every filing. It may be signed by counsel or an officer of the applicant, or an authorized agent of the applicant.*

Send your completed Application Form, including all required attachments as well as the required number of copies, to:

Public Utilities Commission of Ohio
Attention: Docketing Division
180 East Broad Street, Columbus, OH 43215-3793

Or
Make such filing electronically as directed in Case No 06-900-AU-WVR

EXHIBIT A

5. OC-*n* POINT-TO-POINT SERVICE (cont'd) (T)

A. DESCRIPTION (cont'd)

OC-*n* Point-to-Point Service, based on customer requirements, can be configured in any of the following ways: (T)

OC-3

- Three STS-1 (Synchronous Transport Signals) channels which each contain:
  - One DS3 that is STS-1 mapped;
  - Up to 28 DS1s that are VT-mapped;
  - An STS-1 channel without constraint to payload mapping when the STS-1 channel does not terminate via an Add/Drop Function to DS1 or DS3 services within the Company network; (T)
- A single concatenated STS-3C channel

OC-12

- Twelve STS-1 channels which each contain:
  - One DS3 that is STS-1 mapped;
  - Up to 28 DS1s that are VT-mapped;
  - An STS-1 channel without constraint to payload mapping when the STS-1 channel does not terminate via an Add/Drop Function to DS1 or DS3 services within the Company network; (T)
- Four concatenated STS-3C channels;
- From one to three STS-3C channels mixed with from three to nine STS-1 channels subject to utilization of the total OC-12 capacity;
- A single concatenated STS-12C channel

5. OC-*n* POINT-TO-POINT SERVICE (cont'd) (T)

A. DESCRIPTION (cont'd)

OC-48

- Forty-eight STS-1 channels which each contain:
  - One DS3 that is STS-1 mapped;
  - Up to 28 DS1s that are VT-mapped;
  - An STS-1 channel without constraint to payload mapping when the STS-1 channel does not terminate via an Add/Drop Function to DS1 or DS3 services within the Company network; (T)
- Sixteen concatenated STS-3C channels;
  - From one to fifteen concatenated STS-3C channels mixed with from three to forty-five STS-1 channels subject to utilization of the total OC-48 capacity;
- Four concatenated STS-12C channels;
  - From one to three concatenated STS-12C channels mixed with from twelve to thirty-six STS-1 channels subject to utilization of the total OC-48 capacity;
  - From one to three concatenated STS-12C channels mixed with from four to twelve concatenated STS-3C channels, also mixed with from three to thirty-three STS-1 channels subject to utilization of the total OC-48 capacity;
  - From one to three concatenated STS-12C channels mixed with from one to eleven concatenated STS-3C channels, also mixed with from three to thirty-three STS-1 channels subject to utilization of the total OC-48 capacity

5. OC-*n* POINT-TO-POINT SERVICE (cont'd)

A. DESCRIPTION (cont'd)

OC-192 (cont'd)

Four interleaved concatenated STS-48C channels: (T)

- From one to three interleaved concatenated STS-48C channels mixed with from forty eight to one hundred and forty four STS-1 channels subject to utilization of the total STS-192 capacity;

- From one to three interleaved concatenated STS-48C channels mixed with from sixteen to forty eight STS-3c channels subject to utilization of the total STS-192 capacity;

- From one to three interleaved concatenated STS-48C channels mixed with from four to twelve STS-12c channels subject to utilization of the total STS-192 capacity;

- From one to three interleaved concatenated STS-48C channels mixed with from one to forty seven concatenated STS-3C channels, also mixed with from three to one hundred and forty one STS-1 channels subject to utilization of the total STS-192 capacity.

- From one to three interleaved concatenated STS-48C channels mixed with from one to eleven concatenated STS-12C channels, also mixed with from twelve to one hundred and thirty two STS-1 channels subject to utilization of the total STS-192 capacity.

- From one to three interleaved concatenated STS-48C channels mixed with from one to eleven concatenated STS-12C channels, also mixed with from four to forty four concatenated STS-3c channels subject to utilization of the total STS-192 capacity.

- From one to three interleaved concatenated STS-48C channels mixed with from one to eleven concatenated STS-12C channels, also mixed with from three to one hundred and twenty nine STS-1 channels subject to utilization of the total STS-192 capacity.

The customer is responsible via the ordering process to identify what STS signal configuration is to be contained in each OCN Point-to-Point service connection and each STS-1, STS-3 and/or STS-12 payload content. This information is needed for routing and connection purposes in the network.

5. OC-*n* POINT-TO-POINT SERVICE (cont'd)

D. FEATURES (cont'd)

1. *Optional Features (cont'd)*

Add/Drop Function

The OC-*n* Point-to-Point is able to add or drop lower level signals as shown in the matrix following. The Add/Drop Function is offered at a circuit level. For example, if a customer wants to drop one DS3 signal from an OC-12 service, they would pay one Add/Drop charge for the DS3, plus the OC-12 Add/Drop Multiplexing charge.

An OC-*n* Point-to-Point Service is only able to add or drop the services that have been identified by payload content (mapped) within the bandwidth. DS1 mapped STS-1 signals are only able to connect to an DS1, and DS3 mapped STS-1 signals are only able to connect to an DS3. If a change is required it may be accomplished by the customer's CPE or through the current asynchronous environment for multiplexing of DS3 and DS1 Services. See Central Office (CO) Multiplexing for DS1 and DS3 Services.

ADD/DROP Function						
	DS1	**DS3**	**OC-3**	**OC-12**	**OC-48**	
OC-192	No/1/	Yes/2/	Yes	Yes	Yes	(C)
OC-48	No/1/	Yes	Yes	Yes	N/A	
OC-12	Yes	Yes	Yes	N/A	N/A	(C)
OC-3	Yes	Yes	N/A	N/A	N/A	

/1/ To add/drop a DS1 from an OC-12 and/or OC-48, an intermediate step at either OC-3 or DS3 must be taken. To add/drop a DS1 from an OC-192, an intermediate step at OC-48 must be taken.

/2/ Only the first 24 DS3s will be dropped directly off an OC-192, the 25th DS3 requires an OC-3, OC-12 or OC-48 subtended shelf. (C) (C)

5. OC-*n* POINT-TO-POINT SERVICE (cont'd)

D. FEATURES

1. Optional Features (cont'd)

OC-n Point-to-Point Diversity

This option will provide the ability to protect a single circuit end-to-end, providing two completely diverse (or separate) paths through the Company's network. The circuit will have separate optical connections in the Central Office and between interoffice facility systems. The two paths will be designed and provisioned separately such that neither path will follow the same routes, thus providing continued service should a network fault occur in one of the paths. This feature requires the additional provision of 1+1 Protection with Route Survivability. (N) (N)

Point-to-Point Regenerator

Regenerators provide essential detection and retransmission of SONET Optical 2488.32 Mbps and 9953.28 Mbps signals between customer premises. Regenerators will only be provided as required by the Company when actual fiber facility distances between customer designated premises and/or central office locations exceed design limits (typically 25 to 30 miles). Regenerators will be located exclusively in Company central offices.

Shared Network Arrangement

A Shared Network Arrangement is available with OC-*n* Point-to-Point Service. Refer to Shared Network Arrangement in Part 15, Section 1.

5. OC-*n* POINT-TO-POINT SERVICE (cont'd)

F. PRICES (cont'd)

1. Service Elements (cont'd)

(D)
(D)

Description /Billing Code/	Nonrecurring Charge	Monthly Price
Optional Features (cont'd)		
Add/Drop Function		
OC-3 Service		
- per DS3 Add or Drop /MXJBX/		$ 120.00
- per DS1 Add or Drop /MXJAX/		50.00
OC-12 Service		
- per OC-3 Add or Drop /MXJCX/		150.00
- per DS3 Add or Drop /MXJBX/		120.00
OC-48 Service		
- per OC-12 Add or Drop /MXJEX/		375.00
- per OC-3 Add or Drop /MXJCX/		150.00
- per DS3 Add or Drop /MXJBX/		120.00
OC-192 Service		
- per OC-48 Add or Drop /MXJFX/		900.00
- per OC-12 Add or Drop /MXJEX/		375.00
- per OC-3 Add or Drop /MXJCX/		150.00
1+1 Protection		
- per Local Distribution Channel		
OC-3/OC-3c /P8T/		57.00
OC-12/OC-12c /P8T/		250.00
OC-48/OC-48c /P8T/		1,175.00
OC-192/OC-192c /P8T/		5,400.00

6. OC-*n* DEDICATED RING SERVICE (cont'd)

B. DEFINITIONS (cont'd)

Ethernet over SONET (EoS) /1/

EoS allows the efficient transport of Ethernet frames using SONET. Ethernet ports will be available in bandwidths up to the Ethernet interface of 100 Mbps or 1 Gbps on an OC-*n* Dedicated Ring Service. As SONET bandwidths will be preset, the customer will be unable to transmit data beyond these preset SONET bandwidths. /1/

Flex Ring (N)

Denotes a feature which will provide multiple rings at various bandwidth levels (i.e. OC-12 and OC-48) in a single shelf. To increase bandwidth, a second high-speed card can be provisioned or a card with higher optics can be provisioned on the same shelf. When customers opt to purchase Dedicated Ring Services, the customer owns 100% of the available bandwidth within the ring. Although multiple rings can be provisioned off the shelf, all rings will be owned by the same customer. (N)

/1/ Material formerly appeared on 6th Revised Sheet 72 in this Section.

6. OC-*n* DEDICATED RING SERVICE (cont'd)

C. TERMS AND CONDITIONS (cont'd)

5. Re-Map node ports must be ordered in incremental blocks as described below: (N)

	DS1	DS3	OC-3 OC-3c	OC-12 OC-12c	OC-48 OC-48c
OC-3 Ring	28, 56 or 84 (multiples of 28)	1, 2 or 3	N/A	N/A	N/A
OC-12 Ring	28, 56 or 84 (multiples of 28)	3, 6, 9 or 12	1, 2, 3 or 4	N/A	N/A
OC-48 Ring	28, 56 or 84 (multiples of 28)	3, 6, 9 … or 48	1, 2, 3 … or 16	1, 2, 3 or 4	N/A
OC-192 Ring	28, 56 or 84 (multiples of 28)/1/	3, 6, 9 … or 192	1, 2, 3 … or 64	1, 2, 3 … or 16	1, 2, 3 or 4

(N)

6. An OC-48 or OC-192 ring utilizing Re-Map requires an OC-12, OC-3, EC-1 or DS3 Re-Map port. DS1 Re-Map Add/Drop Capability is needed if DS1 drops are required at the Re-Map node. (An OC-3 or OC-3c Re-Map port and DS1 Re-Map O/E Add/Drop Capability supports up to 84 DS1s) (C)

7. When provisioning a Re-Map node, either 28 DS1 Re-Map ports or 1 DS3 or EC-1 Re-Map port will be the minimum required. (C)

8. The emergency Re-Map activation configuration will be maintained for up to 30 days. After 30 days, if the customer wishes to continue the use of the remapped configuration, the emergency activation NRC will be applied once for each 30 day additional period.

/1/ DS1 Ports will be provided via a subtended OC-3 or OC-12 shelf. (N)

6. OC-*n* DEDICATED RING SERVICE (cont'd)

F. PRICES (cont'd)

1. Service Elements (cont'd)

Description /Billing Code/	Monthly Payment *Term Payment Plans* 36 Months	60 Months	Monthly Extension	
EoS Ports - per node: (cont'd)				
1 Gbps Ethernet (STS-12c) at OC-192 node /S9TRX/	$600.00	$500.00	$ 875.00	
1 Gbps Ethernet (STS-24c) at OC-192 node /S9TSX/	900.00	850.00	1,500.00	(T)
Nonrecurring Charges for subsequent installation - per port type				
100 Mbps Ethernet /NRBY4/	385.00	385.00	385.00	
1 Gbps Ethernet /NRBY5/	425.00	425.00	425.00	

EXHIBIT B

5. OC-n POINT-TO-POINT SERVICE (cont'd)

A. Description (cont'd)

OC-n Point-to-Point Service, based on customer requirements, can be configured in any of the following ways:

OC-3
- Three STS-1 (Synchronous Transport Signals) channels which each contain:
  - One DS3 that is STS-1 mapped;
  - Up to 28 DS1s that are VT-mapped;
  - An STS-1 channel without constraint to payload mapping when the STS-1 channel does not terminate via an Add/Drop Function to DS1 or DS3 services within the Company network;
- A single concatenated STS-3C channel
- 1 Gbps Ethernet STS-1, 1v-2v (N)

OC-12
- Twelve STS-1 channels which each contain:
  - One DS3 that is STS-1 mapped;
  - Up to 28 DS1s that are VT-mapped;
  - An STS-1 channel without constraint to payload mapping when the STS-1 channel does not terminate via an Add/Drop Function to DS1 or DS3 services within the Company network;
- Four concatenated STS-3C channels;
- From one to three STS-3C channels mixed with from three to nine STS-1 channels subject to utilization of the total OC-12 capacity;
- A single concatenated STS-12C channel
- 1 Gbps Ethernet STS-1, 1v-9v (N)
- 1 Gbps Ethernet STS-3c, 1v-3v (N)

5. OC-n POINT-TO-POINT SERVICE (cont'd)

A. Description (cont'd)

OC-48

- Forty-eight STS-1 channels which each contain:
  - One DS3 that is STS-1 mapped;
  - Up to 28 DS1s that are VT-mapped;
  - An STS-1 channel without constraint to payload mapping when the STS-1 channel does not terminate via an Add/Drop Function to DS1 or DS3 services within the Company network;
- Sixteen concatenated STS-3C channels;
  - From one to fifteen concatenated STS-3C channels mixed with from three to forty-five STS-1 channels subject to utilization of the total OC-48 capacity;
- Four concatenated STS-12C channels;
  - From one to three concatenated STS-12C channels mixed with from twelve to thirty-six STS-1 channels subject to utilization of the total OC-48 capacity;
  - From one to three concatenated STS-12C channels mixed with from four to twelve concatenated STS-3C channels, also mixed with from three to thirty-three STS-1 channels subject to utilization of the total OC-48 capacity;
  - From one to three concatenated STS-12C channels mixed with from one to eleven concatenated STS-3C channels, also mixed with from three to thirty-three STS-1 channels subject to utilization of the total OC-48 capacity
- 1 Gbps Ethernet STS-1, 1v-21v (N)
- 1 Gbps Ethernet STS-3c, 1v-7v (N)

5. OC-n POINT-TO-POINT SERVICE (cont'd)

A. Description (cont'd)

OC-192 (cont'd)

Four interleaved concatenated STS-48C channels:

- From one to three interleaved concatenated STS-48C channels mixed with from forty eight to one hundred and forty four STS-1 channels subject to utilization of the total STS-192 capacity;
- From one to three interleaved concatenated STS-48C channels mixed with from sixteen to forty eight STS-3c channels subject to utilization of the total STS-192 capacity;
- From one to three interleaved concatenated STS-48C channels mixed with from four to twelve STS-12c channels subject to utilization of the total STS-192 capacity;
- From one to three interleaved concatenated STS-48C channels mixed with from one to forty seven concatenated STS-3C channels, also mixed with from three to one hundred and forty one STS-1 channels subject to utilization of the total STS-192 capacity.
- From one to three interleaved concatenated STS-48C channels mixed with from one to eleven concatenated STS-12C channels, also mixed with from twelve to one hundred and thirty two STS-1 channels subject to utilization of the total STS-192 capacity.
- From one to three interleaved concatenated STS-48C channels mixed with from one to eleven concatenated STS-12C channels, also mixed with from four to forty four concatenated STS-3c channels subject to utilization of the total STS-192 capacity.
- From one to three interleaved concatenated STS-48C channels mixed with from one to eleven concatenated STS-12C channels, also mixed with from three to one hundred and twenty nine STS-1 channels subject to utilization of the total STS-192 capacity.

1 Gbps Ethernet STS-1, 1v-21v (N)
1 Gbps Ethernet STS-3c, 1v-7v (N)

OC-*n* (N)
The customer is responsible via the ordering process to identify what STS signal configuration is to be contained in each OC-*n* Point-to-Point service connection and each STS-1, STS-3 and/or STS-12 payload content. This information is needed for routing and connection purposes in the network.

5. OC-*n* POINT-TO-POINT SERVICE (cont'd)

D. Features (cont'd)

1. Optional Features (cont'd)

Add/Drop Function

OC-n Point-to-Point Service is able to add or drop lower level signals as shown in the matrix following. The Add/Drop Function is offered at a circuit level. For example, if a customer wants to drop one DS3 signal from an OC-12 service, one Add/Drop Function charge for the DS3 would be applicable, in addition to the OC-12 Add/Drop Multiplexing charge. (T)

An OC-n Point-to-Point Service is only able to add or drop the services that have been identified by payload content (mapped) within the bandwidth. DS1 mapped STS-1 signals are only able to connect to a DS1 and DS3 mapped STS-1 signals are only able to connect to a DS3. If a change is required it may be accomplished by the customer's CPE or through the current asynchronous environment for multiplexing of DS3 and DS1 Services. See Central Office (CO) Multiplexing for DS1 and DS3 Services. (T)

ADD/DROP Function

	DS1	**DS3**	**OC-3**	**OC-12**	**OC-48**	**1000 BaseLX**
OC-192	No /1/	Yes /2/	Yes	Yes	yes	Yes
OC-48	No /1/	Yes	Yes	Yes	N/A	Yes
OC-12	Yes	Yes	Yes	N/A	N/A	Yes
OC-3	Yes	Yes	N/A	N/A	N/A	Yes

(N) (N)

/1/ To add/drop a DS1 from an OC-12 and/or OC-48, an intermediate step at either OC-3 or DS3 must be taken. To add/drop a DS1 from an OC-192, an intermediate step at OC-48 must be taken.

/2/ Only the first 24 DS3s will be dropped directly off an OC-192, the 25th DS3 requires an OC-3, OC-12 or OC-48 subtended shelf.

5. OC-*n* POINT-TO-POINT SERVICE (cont'd)

D. Features (cont'd)

1. Optional Features (cont'd)

OC-n Point-to-Point Diversity
This option will provide the ability to protect a single circuit end-to-end, providing two completely diverse (or separate) paths through the Company's network. The circuit will have separate optical connections in the Central Office and between interoffice facility systems. The two paths will be designed and provisioned separately such that neither path will follow the same routes, thus providing continued service should a network fault occur in one of the paths. This feature requires the additional provision of 1+1 Protection with Route Survivability.

Point-to-Point Regenerator
Regenerators provide essential detection and retransmission of SONET Optical 2488.32 Mbps and 9953.28 Mbps signals between customer premises. Regenerators will only be provided as required by the Company when actual fiber facility distances between customer designated premises and/or central office locations exceed design limits (typically 25 to 30 miles). Regenerators will be located exclusively in Company central offices.

Shared Network Arrangement
A Shared Network Arrangement is available with OC-n Point-to-Point Service. Refer to Shared Network Arrangement in Part 15, Section 1.

Ethernet over SONET (EoS) (N)
EoS allows the efficient transport of Ethernet frames using SONET. Ethernet Optical Add/Drop capability will be available in bandwidths up to 1 Gbps on an OC-n Point-to-Point Service. As SONET bandwidths will be preset, the customer will be unable to transmit data beyond these preset SONET bandwidths. (N)

5. OC-n POINT-TO-POINT SERVICE (cont'd)

F. Prices (cont'd)

1. Service Elements (cont'd)

Description /Billing Code/	Nonrecurring Charge	Monthly Price	
Optional Features (cont'd)			
Add/Drop Function			
OC-3 Service			
- per DS3 Add or Drop /MXJBX/	-	$ 120.00	
- per DS1 Add or Drop /MXJAX/	-	50.00	
- per 1000BaseLX Ethernet /MX4LX/	-	500.00	(N)
OC-12 Service			
- per OC-3 Add or Drop /MXJCX/	-	150.00	
- per DS3 Add or Drop /MXJBX/	-	120.00	
- per 1000BaseLX Ethernet /MX4LX/	-	500.00	(N)
OC-48 Service			
- per OC-12 Add or Drop /MXJEX/	-	375.00	
- per OC-3 Add or Drop /MXJCX/	-	150.00	
- per DS3 Add or Drop /MXJBX/	-	120.00	
- per 1000BaseLX Ethernet /MX4LX/	-	500.00	(N)
OC-192 Service			
- per OC-48 Add or Drop /MXJFX/	-	900.00	
- per OC-12 Add or Drop /MXJEX/	-	375.00	
- per OC-3 Add or Drop /MXJCX/	-	150.00	
- per 1000BaseLX Ethernet /MX4LX/	-	500.00	(N)
1+1 Protection			
- per Local Distribution Channel			
OC-3/OC-3c /P8T/	-	57.00	
OC-12/OC-12c /P8T/	-	250.00	
OC-48/OC-48c /P8T/	-	1,175.00	
OC-192/OC-192c /P8T/	-	5,400.00	

6. OC-*n* DEDICATED RING SERVICE (cont'd)

B. Definitions (cont'd)

Ethernet over SONET (EoS) /1/ (N)

EoS allows the efficient transport of Ethernet frames using SONET. Ethernet ports will be available in bandwidths up to the Ethernet interface of 100 Mbps or 1 Gbps on an OC-*n* Dedicated Ring Service. As SONET bandwidths will be preset, the customer will be unable to transmit data beyond these preset SONET bandwidths.

Additional features are provided with the Ethernet over SONET (EoS) capability: (N)

Virtual Concatenation (VCAT) provides the ability and flexibility to size the customer's bandwidth (sub-rate VT1.5, super-rate STS-1 and 3c service payloads) based on their traffic requirements. For transport of payloads that do not fit efficiently into the standard set of VT1.5, STS-1 and STS-Nc payload envelopes, virtual concatenation can be used. (N)

Flex Ring

Denotes a feature which will provide multiple rings at various bandwidth levels (i.e. OC-12 and OC-48) in a single shelf. To increase bandwidth, a second high-speed card can be provisioned or a card with higher optics can be provisioned on the same shelf. When customers opt to purchase Dedicated Ring Services, the customer owns 100% of the available bandwidth within the ring. Although multiple rings can be provisioned off the shelf, all rings will be owned by the same customer.

/1/ EoS port interfaces offered as 10/100BaseT are only available at the customer premises location. (N)

6. OC-*n* DEDICATED RING SERVICE (cont'd)

C. Terms and Conditions (cont'd)

5. Re-Map node ports must be ordered in incremental blocks as described below:

	Port Type					(N)
	DS1	**DS3**	**OC-3 OC-3c**	**OC-12 OC-12c**	**OC-48 OC-48c**	
OC-3 Ring	28, 56 or 84 (multiples of 28)	1, 2 or 3	N/A	N/A	N/A	
OC-12 Ring	28, 56 or 84 (multiples of 28)	3, 6, 9 or 12	1, 2, 3 or 4	N/A	N/A	
OC-48 Ring	28, 56 or 84 (multiples of 28)	3, 6, 9 … or 48	1, 2, 3 … or 16	1, 2, 3 or 4	N/A	
OC-192 Ring	28, 56 or 84 (multiples of 28)/1/	3, 6, 9 … or 192	1, 2, 3 … or 64	1, 2, 3 … or 16	1, 2, 3 or 4	

6. An OC-48 or OC-192 ring utilizing Re-Map requires an OC-12, OC-3, EC-1 or DS3 Re-Map port. DS1 Re-Map Add/Drop Capability is needed if DS1 drops are required at the Re-Map node. (An OC-3 or OC-3c Re-Map port and DS1 Re-Map O/E Add/Drop Capability supports up to 84 DS1s).

7. When provisioning a Re-Map node, either 28 DS1 Re-Map ports or 1 DS3 or EC-1 Re-Map port will be the minimum required.

8. The emergency Re-Map activation configuration will be maintained for up to 30 days. After 30 days, if the customer wishes to continue the use of the remapped configuration, the emergency activation NRC will be applied once for each 30 day additional period.

/1/ DS1 Ports will be provided via a subtended OC-3 or OC-12 shelf.

6. OC-*n* DEDICATED RING SERVICE (cont'd)

F. Prices (cont'd)

1. Service Elements (cont'd)

Description /Billing Code/	Monthly Payment *Term Payment Plans* 36 Months	60 Months	Monthly Extension
EoS Ports - per node: (cont'd)			
1 Gbps Ethernet (STS-12c) at OC-192 node /S9TRX/	$600.00	$500.00	$ 875.00
1 Gbps Ethernet (STS-24c) at OC-192 node /S9TSX/	900.00	850.00	1,500.00

	Nonrecurring Charge	
Nonrecurring Charges for subsequent installation, per port type		(T)
100 Mbps Ethernet /NRBY4/	$385.00	
1 Gbps Ethernet /NRBY5/	425.00	(T)

6. OC-*n* DEDICATED RING SERVICE (cont'd) (N)

F. Prices (cont'd)

1. Service Elements (cont'd)

Description /Billing Code/	Monthly Payment *Term Payment Plans* 36 Months	60 Months	Monthly Extension
EoS Ports			
Virtual Concatenation (VCAT)/1//2/			
- per OC-3, OC-12, OC-48 or OC-192 node			
10/100BaseT VCAT Ethernet Port /S5P1X/[3]	$250.00	$180.00	$350.00
VT1.5-1v (1.6 Mbps)			
VT1.5-2v (3.2 Mbps)			
VT1.5-3v (4.8 Mbps)			
VT1.5-4v (6.4 Mbps)			
VT1.5-5v (8.0 Mbps)			
VT1.5-6v (9.6 Mbps)			
VT1.5-7v (11.2 Mbps)			
VT1.5-8v (12.4 Mbps)			
VT1.5-10v (16.0 Mbps)			
VT1.5-13v (20.8 Mbps)			
STS-1-1v (48.384 Mbps)			
STS-1-2v (96.768 Mbps)			

/1/ Nonrecurring charges apply to EoS Ports, Virtual Concatenation (VCAT). See EoS Port charges on Sheet 78.3 for applicable nonrecurring charges.
/2/ The bandwidth options shown represent the actual payload capacity for the selected bandwidth.
/3/ EoS port interfaces offered as 10/100BaseT are only available at the customer premises location. (N)

6. OC-*n* DEDICATED RING SERVICE (cont'd) (N)

F. Prices (cont'd)

1. Service Elements (cont'd)

Description /Billing Code/	Monthly Payment *Term Payment Plans* 36 Months	60 Months	Monthly Extension
EoS Ports			
Virtual Concatenation (VCAT)[/1//2/] (cont'd)			
- per OC-3, OC-12, OC-48 or OC-192 node (cont'd)			
1000BaseSX VCAT Ethernet Port /S5P2X/	$425.00	$350.00	$500.00
1000BaseLX VCAT Ethernet Port /S5P3X/	425.00	350.00	500.00
STS-1-1v (48.384 Mbps)			
STS-1-2v (96.768 Mbps)			
STS-1-3v (145.152 Mbps)			
STS-1-4v (193.536 Mbps)			
STS-1-5v (241.92 Mbps)			
STS-1-6v (290.304 Mbps)			
STS-1-9v (435.456 Mbps)			
STS-1-12v (580.608 Mbps)			
STS-1-21v (1016.064 Mbps)			
STS-3c-1v (149.76 Mbps)			
STS-3c-2v (299.52 Mbps)			
STS-3c-3v (449.28 Mbps)			
STS-3c-4v (599.04 Mbps)			
STS-3c-7v (1048.32 Mbps)			

/1/ Nonrecurring charges apply to EoS Ports, Virtual Concatenation (VCAT). See EoS Port charges on Sheet 78.3 for applicable nonrecurring charges.
/2/ The bandwidth options shown represent the actual payload capacity for the selected bandwidth. (N)

Exhibit C

AT&T Ohio hereby revises Part 15, Section 3 of its AT&T Ohio Tariff P.U.C.O. No. 20 to introduce Virtual Concatenation (VCAT) Ethernet port capabilities to both OC-n Point-to-Point Service and OC-n Dedicated Ring Service.

As this is only available with OC-n service installed subsequent to this filing, existing customers are not impacted and no customer notice is required.

Summary: Tariff to introduce Virtual Concatenation VCAT) Ethernet port capabilities to OC-n services electronically filed by Maryann Mackey on behalf of AT&T Ohio