

Effective: May 25, 1996

– RADIO COMMON CARRIER ACCESS SERVICE –

16. Competitive Services

16.1 General

Synchronous Optical Network Internodal Transport Service hereinafter referred to as Ameritech OC-48 SONET Ring provides SONET-capable transmission equipment and optical fiber facilities necessary to interconnect multiple node sites. At the node sites, DS3 channels may be electrically cross-connected to the network directly at the DS3 level.

This service provides high speed optical data transport service over an optical fiber backbone operating at an overall maximum speed of 2.488 gigabits per second (Gbps), referred to as Optical Carrier level 48 (OC-48).

Ameritech OC-48 SONET Ring is designed as a customer-private, customer-dedicated transport service between customer-designated node sites for the customers listed below.

- Cellular One - Chicago between node locations at Buffalo Grove MTSO, Burr Ridge MTSO, Chicago MTSO, Schaumburg #1 and #2 MTSO, Northbrook Tandem central office, Franklin central office, Wabash central office, and Hinsdale central office.
- PCS Prime Co - Chicago OC-48 between node locations at Northbrook, Wabash, LaGrange Tandems, and the PCS Prime Co MTSO located in Lombard at 220 Eisenhower St. to be furnished in a hubbed arrangement to include DS3 and DS1 service to PCS Prime Co's PCS network at the following sites: in Gurnee, Waukegan, Zion, Northbrook, Buffalo Grove, Lake Forest, Deerfield, Wadsworth, Libertyville, Mundelien, Lake Forest, Highland Park, Chicago, Chicago Ridge, Palos Hieghts, Crestwood, Blue Island, Oak Forest, Bedford park, Oak Lawn, Hickory Hills, Homewood, Northfield, Skokie, Niles, Lincolnwood, Glenview, Deerfield, Lake Bluff, Wilmette, Winnetka, Evanston, Morton Grove, Joliet, Indian Head Park, Romeoville, Bolingbrook, Broadview, Cicero, Elgin, Glen Ellyn, Lisle, Woodridge, Westmont, Aurora, Wheaton, Lombard, Schaumburg, Naperville, Westmont, West Chicago, Villa Park, Winfield, Warrenville, Streamwood, St. Charles, Downers Grove, Bellwood, Hillside, Northlake, Dupage County, Itasca, Roselle, Des Plaines, Bensenville, Arlington Hts., Elk Grove, Wooddale, Harwood Hts., Country Club Hills, New Lenox, Palos Hts., Lockport, Tinley Park, Lansing, Markham, Phoenix, Posen, Hazelcrest, Elmwood Park, Melrose Park, Maywood, Franklin Park, Oak Park, Stickney, McCook Marionette Park, Dolton, Park Forest, Palatine, Rolling Meadows, Barrington, East Dundee, Dundee, Barrington Hills, Vernon Hills, Bloomingdale, Mt. Prospect, O'Hare Airport, Rosemont, Oak Brook, Forest Park, Orland Park, Matteson, Belvidere, Gilberts, Hampshire, Marengo, Loves Park, and Rockford.

(N)

(N)

16.2 Regulations

- (A) Ameritech OC-48 SONET Ring Service provides physical layer transport only. The Company assumes no responsibility for the through transmission of signals generated by the Customer, for the quality of or defects in such transmission, for the reception of signals by the Customer, or address signaling to the extent addressing is performed by the Customer. Error detection and correction of data generated by the Customer is the customer's responsibility.

Ameritech DS1 and DS3 Services may access this service via electrical cross-connection at Company central office node locations at the DS3 level only, either directly at the DS3 level or via DS3 to DS1 or DS3 to DSO/VG multiplexing. Appropriate Nonrecurring and Recurring rates for OPTINET Services will apply in addition to those in (E) following.

Ameritech OC-48 SONET Ring Service will be provided with a maximum of sixteen (16) and a minimum of three (3) node sites, one of which must be located within an Ameritech wire center.

An Ameritech OC-48 SONET Ring Service interruption is defined to mean a failure in service of the entire ring. The service is considered interrupted when the customer reports to the Company and the Company confirms that continuity has been lost. A credit allowance shall be allowed for an interruption of thirty (30) minutes or more at the rate of 1/1440th of the monthly rate in (E) following for each period of thirty (30) minutes or major fraction thereof that the interruption continues. The credit allowance for service interruption shall not exceed the applicable monthly rate in (E) following for each period of thirty (30) minutes or major fraction thereof that the interruption continues. The credit allowance for service interruption shall not exceed the applicable monthly rate in (E) following.

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16. Competitive Services (Cont'd)

(N)

16.2 Regulations (Cont'd)

(B) Technical Specifications Channel Interfaces and Performance Criteria

Technical specifications for Synchronous Optical Network Transport Systems are described in Bellcore Publication TR-NWT-000253

Transmission performance specifications for Synchronous Optical Network Internodal Transport Service are the same as those described in Bellcore Publication TR-NWT-000253. Performance specifications for Ameritech DS3 services that connect to the OC48 SONET Ring are described in Ameritech Publication AM TR-TMO-000101.

To order Bellcore reference documents, contact:

Bellcore Customer Service
60 New England Avenue, Room 1B252
Piscataway, NJ 08854
1-800-521-2673

To order Ameritech reference documents, contact:

Information Manager
AMERITECH Services, Inc.
Location 3B77F
2000 West AMERITECH Center Drive
Hoffman Estates, IL 60196

(C) Rate Elements

- (1) Node - the termination of OC-48 SONET Ring fiber optic transmission facilities at customer-designated node sites. One Node Termination charge applies per node.
- (2) Internodal Transport - the fiber optic transmission facilities interconnecting customer-designated node sites. Internodal Transport consists of the fiber optic transmission facilities between a customer premise node site and its serving wire center and/or fiber optic transmission facilities between wire center nodes. Internodal Transport is comprised of two rate elements, Internodal Termination, and Internodal Mileage.

Internodal Termination charges are applied at each node site where internodal transport facilities are terminated.

Internodal Mileage charges consist of two rate sub-elements, one applicable to the facilities between a customer premise node site and its serving wire center, the other applicable to the facilities between wire center nodes.

Internodal Mileage charges are calculated using the airline distance between node site and serving wire center and/or the airline distance between wire center nodes.

(N)

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16. Competitive Services (Cont'd)

(N)

16.2 Regulations (Cont'd)

- (3) Interconnect Port Card - for connection of DS3 channels at the node sites listed above. One Interconnect Port Card charge will apply per each point-to-point DS3 channel termination (one termination at each end).

16.3 Rates and Charges

Ameritech agrees to furnish Ameritech OC-48 SONET Ring Service and the Customer agrees to pay for such Service at rates indicated below. These rates will not be subject to Ameritech-initiated increases during the 60 month minimum period.

This service is offered under two payment options:

- Monthly Payment Plan for a minimum period of 60 months
- Single Payment Option

The customer may, at any time during the 60 month minimum period, elect to prepay the remaining monthly charges. The prepayment amount will be adjusted for the time value of money as reasonably determined by the Company. Recurring charges will cease for the remainder of the minimum 60 month period and resume again at the end of the minimum period if service has not been disconnected.

In the event the service provided is discontinued prior to the 60 month minimum period, the customer will remain liable for the balance of the monthly charges adjusted to their present worth equivalent, as reasonably determined by the Company, which shall upon any such termination immediately become due and payable in their entirety.

Customers may elect to continue the Service beyond the minimum 60 month period for an additional 60 month period. Such election is to be provided in writing to Ameritech not later than six (6) months prior to the expiration of the initial 60 month period.

(N)

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16. Competitive Services (Cont'd)

(N)

16.3 Rates and Charges (Cont'd)

As a competitive service, the Company may offer Ameritech OC-48 SONET Ring to individual customers on such terms and for such rates and charges as it deems reasonable without regard to this tariff. Individual contracts will specify the terms, length of service, conditions, and rate levels applicable to those specific customers. Such contracts will be filed with the Illinois Commerce Commission within ten days after the effective date of any such agreement.

	Administrative Charge, per Order	Design and Central Office Connection, per circuit	Customer Connection Charge, per Termination	
USOC	ORCMX	NRBCL	NRBBL	
Ameritech OC-48				
SONET Ring	\$50.00	\$500.00	\$600.00	
		USOC	Monthly Charge	Initial Nonrecurring Charge
(1) Node per node site			\$5,564.00	None
(2) Internodal Transport				
(A) Internodal Termination				
Termination, per node			22.00	None
(B) Internodal Mileage				
(a) facilities between node site and serving				
wire center, per quarter mile or fraction				
thereof			513.00	None
(b) facilities between wire center nodes,				
a per quarter mile or fraction thereof			89.00	None
(3) DS3 Interconnect Port Card,				
per DS3 channel termination				
(one per end)			200.00	None

(N)

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16. Competitive Services (Cont'd)

(N)

16.4 Microcell Connections Service

16.4.1 Ameritech Digital Microcell Connection Service

Ameritech Digital Microcell Connection Service provides for a dedicated bi-directional communications channel for use in transporting a radio frequency (RF) signal between a host cell site and a microcell site.

With Ameritech Digital Microcell Connection Service, an electrical RF signal presented to the Network Interface A is digitally encoded, converted to an optical signal and transported over a single fiber to the Network Interface B. In the opposite direction, an optical signal presented to Network Interface B is transported over the same fiber as above, then digitally decoded and converted to an electrical RF signal presented to Network Interface A.

Interface specifications and performance characteristics of Ameritech Digital Microcell Connection Service are provided in Technical Reference AM TR-NIS-000117 Broadband Optical Transport Digital Microcell Connection Service – Interface and Performance Specifications.

16.4.2 Ameritech Analog Microcell Connection Service

Ameritech Analog Microcell Connection Service provides for a dedicated bi-directional communications channel for use in transporting an RF signal between a host cell site and a microcell site.

With Ameritech Analog Microcell Connection Service, an electrical RF signal presented to the Network Interface A is converted to an optical signal using an intensity modulation process and transported over a single fiber to the Network Interface B. In the opposite direction, an optical signal presented to Network Interface B is transported over a second fiber, then demodulated to an electrical RF signal presented at Network Interface A.

Interface specifications and performance characteristics of Ameritech Microcell Connection Service are provided in Technical Reference Am TR-NIS-000087 Microcell Connection Service Interface and Performance Specifications.

The technical reference documents are available from:

AMERITECH TECHNICAL INFORMATION RESOURCE MANAGEMENT
200 West Ameritech Center Drive
3B72E
Hoffman Estates, IL 60196-1025

(N)

Effective: December 17, 1994

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16. Competitive Services (Cont'd)

16.4 Microcell Connections Service (Cont'd)

16.4.3 Ordering Options and Conditions

(N)

Ameritech Digital Microcell Connection Service and Ameritech Microcell Connection Service are ordered under the Access Order provisions set forth in Section 5. preceding.

16.4.4 Special Facilities Routing

The RCC may request that the facilities used to provide Ameritech Digital Microcell Connection Service or Ameritech Microcell Connection Service be specifically routed. The regulations, rates and charges for Special Facilities Routing (i.e., Avoidance, Diversity) are set for in 11. preceding.

16.4.5 Rates and Charges

Service is provided for a minimum contract period of 60 months. If the customer discontinues service prior to the fulfillment of the contract, termination charges equal to the balance of the payments reduced to the present value using the discount rate found in PART 16, Section 3.4 B(2) of Ill. C.C. Tariff No. 5 will apply.

At the expiration of the contract, the customer's service will automatically convert to a month-to-month rate with no termination charge. The customer may also elect to enter into another contract with a minimum period of 60 months.

As a competitive service within MSA 1-Service Area 105, as defined herein, the Company may offer Ameritech Microcell Service to individuals customers on such terms and such rates and charges as it deems reasonable without regard to this tariff. Individual contracts will specify the terms, length of service, conditions, and rate levels applicable to those specific customers. Such contracts will be filed with the Illinois Commerce Commission within ten days after the effective date of any such agreement.

	USOC	Monthly Rate	Nonrecurring Charge
Per Digital Microcell Connection Service		\$1,350.00	None
Per Analog Microcell Connection Service		725.00	None
Channel Mileage Per Mile		90.00	None

(N)

Effective: June 7, 1996

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16. Competitive Services (Cont'd)

16.4 Microcell Connections Service (Cont'd)

16.4.6 Definitions

Multi-Service Area 1 - Service Area (S.A.) 105

16.4.6.1 Service Area - Territorial Limits

A. Multi-Service Areas

- (1) In MSA 1, a Service Area (S.A.) and a District generally represent the same geographic area. The exception is S.A. 105 which is composed of six districts listed in B. following.
- (2) Each S.A. is identified by the telephone number prefixes that serve the area for telephone exchange service, as specified in PART 2, Section 19, Paragraph 2.6.

B. Multi-District Service Area - MSA 1

Service Area	District
105	Franklin, Illinois-Dearborn, Canal, Lake Shore, Superior, Wabash

16.5 Specialized Service Arrangements

(N)

16.5.1 Regulations

Specialized service or arrangements may be provided by the Company, at request of the customer, on an individual case basis if such service or arrangements meet the following criteria:

- (A) The requested service or arrangements are not offered under other sections of this tariff.
- (B) The facilities utilized to provide the requested service or arrangements are of a type normally used by the Company in furnishing its other services.
- (C) The requested service or arrangements are compatible with other Company services, facilities, and its engineering and maintenance practices.
- (D) This offering is subject to the availability of the necessary Company personnel and capital resources.

(N)

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16. Competitive Services (Cont'd)

16.5 Specialized Service Arrangements (Cont'd)

- 16.5.2 Ameritech Specialized Service or Arrangements are designed as customer-private, customer -dedicated transport service between customer designated sites for the customer(s) listed below.

AT&T Wireless Services Inc.- Provide a high speed transport service in a hubbing arrangement at an overall maximum bandwidth of 1.544 megabits per second (Mbps) and at the customer's option to be provided with clear channel B8ZS framing. Additional circuits may be added at the customers request at the rates listed in the agreement if the distance between the cell site's serving wire center and the hub location is 10 miles or less. The rate for DS1 circuits with a distance greater than 10 miles or for a circuit connecting to a hub not listed in the agreement shall be negotiated. The term of this agreement is 36 months. Each circuit provides a point to point transport between the following locations and the AT&T Wireless sites located in MSAs 1 and 15:

MSA-1 - Arlington Heights (4), Aurora East (2), Aurora Main (4), Geneva, Bolingbrook (2), Blue Island (5), Bellwood (5), Barrington, Bartlett (2), Chicago (95), Cicero (4), Calumet City (4), Deerfield (3), Downers Grove (6), Chicago Heights (4), Dundee (2), Elk Grove (4), Elgin, Elmhurst (4), Evanston (3), Glen Ellyn (4), Glenview (2), Hickory Hills (2), Willowcrest, Highland Park (5), Hillside (3), Homewood (5), Hinsdale (5), Harvey (4), Bensenville (4), Joliet (5), Lombard (2), Libertyville (5), Lockport, Lemont (8), LaGrange (6), Lake Forest (4), Lake Zurich, Morton Grove (2), Northbrook (5), North Chicago, Naperville (6), Oak Brook (2), Oaklawn (4), Oak Park (2), Orland Park, Palatine (6), Park Forest (4), Plainfield (2), Palos Park (4), Romeoville (2), Round Lake, Roselle (5), Riverdale, River Grove (4), Schaumburg (2), Schiller Park (2), Skokie (2), Summit (6), Tinley Park (3), West Chicago (2), Wheaton (5), Waukegan (8), Wilmette, Wheeling (5), Winnetka, Warrenville, Zion. MSA-1 Hub locations: Elk Grove, Hinsdale, Lombard, Harvey, Wabash, Stewart, Franklin, Northbrook Tandem, Joliet, and Libertyville.

MSA-15 - East St. Louis (5), Alton (3), Rosewood Heights, Wood River (2), Pontoon Beach (2), Granite City, Cahokia, Edwardsville (5), Glen Carbon, Collinsville (3), Edgmont, Belleville, O'Fallon (2), Troy, Edgmont (2), MSA-15 Hub: Collinsville

16.6. Directory Assistance Call Service

16.6.1 General

Directory Assistance Call Service and its features will be offered to Type 1 Cellular customers according to the rates and regulations presented in tariff III. C.C. No. 19, Part 11, Section 2.

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225 West Randolph Street
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Issued: March 12, 1999

ILL. C. C. NO. 16
2nd Revised Page No. 36.8
Cancels 1st Revised Page No. 36.8

Effective: March 15, 1999

– RADIO COMMON CARRIER ACCESS SERVICE –

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