MULTI-MEDIA DATA SERVICE (MMDS)** (C)

A. GENERAL

1. Multi-Media Data Service (MMDS) is a fiber optic based group of high speed data and video services for intraexchange and interexchange use within a LATA.

2. MMDS will support the following types of data and/or video services:*

Ethernet (IEEE 802.3)
Token Ring (IEEE 802.5)
IBM 3270
V.35
RS449/422
Non-Framed DS1
Single Channel Broad Band Video (NTSC/RS250B)

B. REGULATIONS

1. MMDS service is only offered where technical capabilities exist.

2. MMDS providing IBM 3270 connectivity is limited to customer locations served by the same serving wire center.

3. MMDS service will only be used to interconnect customer locations within the same LATA.

4. The network demarcation point for MMDS is on the electrical side of the Company provided network interface on the customer premises. The customer is responsible for providing all facilities and cabling necessary to connect customer equipment to the network interface.

5. It is the customer's responsibility to ensure that the customer's equipment provides industry standard electrical signals for MMDS transmission.

6. A Link, whether First, Additional, or Video is a transport over MMDS facilities between the Company's wire center and each customer designation location (CDL).

7. The First Data Link is required in order to provide MMDS to a CDL.

An Additional Data Link (ADL) is only available to CDLs with at least one First Data Link. An ADL is required if:

a. An additional protocol is used, e.g., Ethernet and DS1, or

b. There are more than eight nodes (CDLs).

8. A Video Link is only available to CDLs with at least one First Data Link.

9. The First Data Link, Additional Data Link and Video Link at each CDL must be ordered for a contract period of one (1), three (3), or five (5) years. All contracts are subject to the Contract Termination Liability as specified elsewhere in this tariff. Prior to the expiration of the contract period, the customer must notify the Company of the customer's choice of the following options:

a. Convert to a new contract period of the same or different length, or

b. Continue at the completed contract period's rate but on a month-to-month basis, or

c. Discontinue service.

* Specific distance limitations are identified within the individual service description. Where MMDS provides IBM 3270 connectivity, the service is limited to customer locations served by the same serving wire center.

** This service is restricted to existing customers at their present locations. Renewal of contracts will be allowed using one year term rates only.

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B. REGULATIONS (Cont'd)

10. If the customer does not notify the Company of one of the above options, then the Company will continue to bill the customer at the completed contract period's rate on a month-to-month basis.

11. If prior to the expiration of a contract, the customer converts to a contract period with a longer period of time, then the customer, at the customer's option, may receive credit for the elapsed time under the old contract toward the new contract period.

12. MMDS requires at least one First Data Link to a CDL. When the First Data Link is terminated, then MMDS will be terminated to the CDL. An Additional Data Link and/or Video Link can be terminated without terminating the First Data Link to the CDL.

13. In the initial order for MMDS service at a CDL, the contract period for Additional Data Links or Video Links cannot be longer than the contract period selected for the First Data Link.

14. If the customer subsequently orders an Additional Data Link(s) or a Video Link(s) and the contract period for the First Data Link has not expired, then the following applies:

    a. The contract period selected for an Additional Data Link(s) or a Video Link(s) must be equal to or shorter than the remaining contract period for the First Data Link, or

    b. The contract period for the First Data Link will be extended to be coterminous with the contract period selected for the Additional Data Link or Video Link. The monthly rate for the First Data Link shall be equal to the First Data Link rate for the new contract period selected for the Additional Data Link and/or Video Link.

15. An Additional Data Link(s) or a Video Link(s) can be provided after the expiration of the contract period for the First Data Link but, the First Data Link will be placed under contract for a period equal to the contract period selected for the Additional Data Link or Video Link. The First Data Link monthly rate shall be equal to the First Data Link rate for the new contract period selected for the Additional Data Link and/or Video Link.

16. The Contract Termination Liability will apply when any portion of the service that is subject to the Contract Termination Liability is terminated prior to completion of the elected contract period. The customer's liability will be equal to the monthly rate for the applicable link(s) times the number of months remaining in the contract period.

17. If the customer should terminate MMDS service under contract at any CDL, the Contract Termination Liability shall apply on a CDL-by-CDL basis.

18. Nonrecurring charges (NRCs) associated with MMDS service may, at the option of the customer when affirmed at the time that the service is ordered, be paid in three equal monthly installments.

19. Customers currently subscribing to this service under an Individual Case Basis (ICB) contract will be allowed to continue their service at the existing rates for the length of their individual contracts. At the end of the contract period, if a customer chooses to continue his service consistent with this tariff, the one year term tariff rates will apply.

C. DEFINITIONS

Additional Data Link - Subsequent Data Links ordered from the same CDL to the same serving wire center as the First Data Link are rated as Additional Data Links.

Customer Designated Location (CDL) - A location specified by the customer for purposes of terminating Network or Switched Access Service such as the customer's premises or the building where an off-premises extension terminates. (C)

Data Link - A Data Link (DL) in MMDS is the electrical connection of the customer's data terminal equipment from the Network Interface to the Company's network supporting MMDS. The Data Link includes the Network Interface, the Network Node, and the fiber optic transport facility.

First Data Link - The First Data Link is assessed on the first Data Link ordered by the customer for each CDL.

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C. DEFINITIONS (Cont'd)

Interoffice Transport - Interoffice Transport provides for the transmission facilities between serving wire centers associated with two CDLs. The Interoffice Transport monthly rate applies to fiber optic transmission facilities between serving wire centers. The rate is applied to each airline mile or fraction thereof between the serving wire centers.

MMDS Ethernet Service - A Local Area Network (LAN) to Local Area Network (LAN) transport service for interconnecting IEEE 802.3 LANs data rates up to 10 Mbps. This service is distance limited to a -31 dB system loss budget. Ethernet service can be point-to-point or multipoint (a maximum of eight nodes).

MMDS IBM 3270 Host/Remote Service - A half-duplex, character oriented binary synchronous host to remote transport service offered in two configurations:

- Support of BNC coaxial connections supporting up to two customer provided 3274 controllers.

- Support of coaxial Terminal Adapter Ports for connection to customer provided 3299 type multiplexer.

Distance limitations for 3270:

- with IBM Remote Polling Query - 12,000 cable feet.
- without IBM Remote Polling Query - 3,200 cable feet.

MMDS NFDS-1 Service - A non-framed, DS1 point-to-point optical transmission at 1.544 Mbps. This service is provided without synchronization and is not channelized by the Company.

MMDS RS-449/422 Service - An Electronics Industry Association recommended electrical interface for balanced circuits. The MMDS transport supports RS-449/422 at speeds from 20 Kbps to 9.4 Mbps.

MMDS Token Ring Service - A LAN-to-LAN transport service for interconnecting IEEE 802.5 LANS at data rates up to 4 Mbps or 16 Mbps. This service is distance limited to a -31 dB system loss budget. Token Ring service can be point-to-point or multipoint (a maximum of eight nodes).

MMDS V.35 Service - A wideband electrical signal for asynchronous transmission up to 256 Kbps.

MMDS Video Service - This is the transport over MMDS facilities for single channel broad band video signals conforming to NTSC/RS250B. The service supports a single video channel with two accompanying audio channels. MMDS Video is limited to point-to-point or point-to-multipoint service where each CDL is served from the same serving wire center.

Network Interface - The Network Interface is the point of electrical interconnection on the customer's premises between the company's communications facilities and the customer's terminal equipment.

Network Node - The Network Node is the Company provided electronic equipment that converts the electrical signal delivered at the network interface to an optical signal.

Video Link - A Video Link can only be ordered from a CDL for which a First Data Link rate is being assessed. The Video Link rate applies in addition to the First Data Link rate and any Additional Data Link rates. One Video Link must be ordered for each end (CDL) of a point-to-point MMDS Video service.

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D. RATES AND CHARGES

		GSEC	Nonrecurring Charge	Nonrecurring Rate	Monthly GSEC
1.	First Data Link*				
	1 Year Contract**	MMDSDL1NRC	$1,600.00	$725.00	MMDSDL1
	3 Year Contract**	MMDSDL1NRC	1,600.00	700.00	MMDSDL1-3
	5 Year Contract**	MMDSDL1NRC	1,600.00	675.00	MMDSDL1-5
	Month-to-Month		-	#	
2.	Additional Data Link*				
	1 Year Contract**	MMDSDLANRC	108.00	85.00	MMDSDLA
	3 Year Contract**	MMDSDLANRC	108.00	80.00	MMSDSLA-3
	5 Year Contract**	MMDSDLANRC	108.00	75.00	MMDSDLA-5
	Month-to-Month		-	#	
3.	Video Link*				
	1 Year Contract**	MMDSVLNRC	1,200.00	415.00	MMDSVL
	3 Year Contract**	MMDSVLNRC	1,200.00	400.00	MMDSVL-3
	5 Year Contract**	MMDSVLNRC	1,200.00	380.00	MMDSVL-5
	Month-to-Month		-	#	
4.	Interoffice Transport		-		
	- per airline mile			60.00	MMDSFT

* The customer must subscribe to the First Data Link between the serving wire center and each customer designated location (CDL), in order to subscribe to an Additional Data Link or a Video Link. If the First Data Link is terminated, then all MMDS will be terminated to the CDL. The Additional Data Link and Video Link can be terminated without terminating the First Data Link to a CDL.

** All contracts are subject to conditions for Contract Termination Liability.

\# The Month-to-Month rate option will only be available after completion of one of the three contract period options. The Month-to-Month rate will be the same as the rate for the completed contract option.

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