

HIGH CAPACITY DIGITAL SERVICE - DS3

A. GENERAL

A High Capacity DS3 channel is a digital channel for simultaneous two-way transmission of serial, bi-polar, return-to-zero isochronous digital signals at a speed of 44.736 Megabits Per Second (Mbps). The actual bit rate and framing formats are a function of the channel interface selected by the customer. Service is furnished on either a two-point basis between customer premises, or between another DS3-compatible service provided in a Verizon Maryland Company central office (wire center) and a customer premises or between central offices for connection to other DS3-compatible services.

B. Terms and Conditions

1. Provision of Service

- a. A Channel Termination, when used at a transmission speed of 44.736 Megabits Per Second, is a path for digital transmission furnished between the serving wire center and the customer's premises.
- b. High Capacity Digital Service-DS3 will consist of one of the following configurations:
 - (1) Where both customer-designated premises are served by the same wire center the service will consist of two Channel Terminations only.
 - (2) Where both customer-designated premises are served by different wire centers the service will consist of two Channel Terminations and Channel Mileage between the wire centers involved.
 - (3) Where the High Capacity Digital Service-DS3 connects a customer designated premises to central office services provided with DS3 interface (e.g., SONET) located in a serving wire center, the service will consist of one Channel Termination, and Channel Mileage as applicable.
 - (4) Where the High Capacity Digital Service-DS3 interconnects separate central office services provided with DS3 interfaces located in separate serving wire centers, the service will consist of Channel Mileage only.

2. Availability of Service

High Capacity Digital Service-DS3 is available throughout Verizon Maryland, where facilities exist. At its discretion, the Company may deploy different types of transmission technology and, in some areas, use redundant facilities to provide this service. Should a customer specifically request a type of technology other than what the Company might normally use to provision this service, Special Construction charges as stipulated in the Company's General Regulations Tariff, P.S.C. No. 201, apply. Should a customer request the use of wire centers or redundant facilities in areas where they are not available at that time, Special Construction charges apply.

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B. Terms and Conditions (Cont'd)

3. Interface and Performance specifications

The High Capacity DS3 (44.736 Mbps) Service is provided on digital optical equipment and lightwave facilities selected by the Company, and is provided only through serving wire centers equipped to furnish such service. At the customer designated premises, an optical fiber interface and digital optical equipment convert the signal from optical to electrical. This service may also be provided to a Customer with an optical interface at the Customer's premises. A separately fused, non-switched controlled, single power outlet must be provided by the customer at the customer designated premises.

Technical standards are defined in Bellcore Technical Reference TR-NPL-000054, TR-TSY-000342, TR-TSY-000194, and PUB 62508, PUB 62411, PUB 62411A.

4. Mileage Measurement

- a. The mileage to be used to determine the monthly rate for the Channel Mileage is calculated on the airline distance between the locations involved, i.e., the serving wire centers associated with two customer designated premises. The serving wire center associated with a customer designated premises is the serving wire center from which the customer designates premises would normally obtain dial tone.
- b. Mileage rates in section C.4 are in terms of a per mile structure. Mileage is determined using the V&H coordinates method, as set forth in the Exchange Carrier Association Tariff F.C.C. No. 4. When the calculation results in a fraction of a mile, always round up to the next whole mile before applying the rates.
- c. All mileage between serving wire centers shall receive the application of one fixed mileage charge. The single recurring fixed mileage charge applies regardless of mileage length.

5. Optional Features and Functions

Multiplexing extends from the customer's high capacity interface to the serving central office where it is multiplexed for connection to a maximum of 28 DS1 Channel Services. The customer must specify at the time of ordering, which channels of the facility connect with which service requested. Any future additions and changes to channel assignments must also be coordinated with the Company. Applicable rates and charges for services so affected will be charged.

6. Termination Liability and Upgrades

For circuits discontinued prior to the end of the first year of the contract period, the customer will be liable for 100% of the total monthly charges at the then prevailing contract rate for the un-expired portion of the first year of the contract. In addition, the customer will be liable for 15% of the channel termination rate and 30% of the mileage rate for the remainder of the contract. For services discontinued after the first year of the contract, the customer will be liable for 15% of the channel termination rates and 30% of the mileage rates for the remainder of the contract period. Circuits not terminated may be subject to re-pricing.

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B. Terms and Conditions (Cont'd)

6. Termination Liability and Upgrades (Cont'd)

Customers may avoid termination charges when moving DS3 services within the LATA or upgrading to another Company service, subject to the availability of suitable facilities, as long as: 1.) The customer is replacing other Company channels with an equal or higher channel capacity than those disconnected, and 2.) The customer pays the appropriate nonrecurring charges and/or special construction to establish the new service, and 3.) The customer accepts a temporary discontinuance of the existing service, and 4.) The new service is ordered at the same time as the service being disconnected, and 5.) the term plan of the new service be of equal or greater length than the remaining commitment period of the service being disconnected.

7. Moves

- a. When a customer or user requests a move or relocation of a Channel Termination, with no interruption of service, this move or relocation will be treated as a termination of the existing service and the establishment of a new service for the application of all charges, except as stipulated under section B.6 preceding.
- b. When a customer or user requests a move or relocation of a Channel Termination, and accepts an interruption to the service, incident to the work involved, a charge equal to the estimated costs incurred by the Company will apply.
- c. When a customer or user requests a move of a Channel Termination, on the same premises in the same building, with no interruption of service, this move or relocation will be treated as a termination of the existing service and the establishment of a new service for the application of all charges, except as stipulated under section B.6 preceding.
- d. When a customer or user requests a move of a Channel Termination, on the same premises in the same building, and accepts an interruption to the service, incident to the work involved, a charge equal to the estimated costs incurred by the Company will apply.

C. RATES

1. Individual Case Basis (ICB) contracts for competitive pricing arrangements can be furnished to meet the communication needs of specific customers on a case-by-case basis. Contract rates will be priced above an established cost rate floor for the service.

	Nonrecurring Charge		Per Month	USOC
	First	Additional		
2. Channel Termination				
Per point of termination*...	ICB	ICB	ICB	
3. Channel Mileage.....		ICB	ICB	
5. Optional Features and Functions		#Nonrecurring Charge	Per Month	
Multiplexing (per arrangement).....		ICB	ICB	

* Subject to a minimum revenue guarantee of 12 months.

Nonrecurring charges do not apply to Optional Features and Functions when ordered as part of the initial Service. Nonrecurring charges do apply to Optional Features and Functions if ordered after the initial Service.