DIGIPATH DIGITAL SERVICE II

A. AVAILABILITY OF SERVICE

This Product Guide contains terms and conditions, rates and charges for DIGIPATH digital service II Channel Terminations other than Non-Competitive End User Channel Terminations, Channel Mileage and certain Optional Features and Functions ordered for such Channel Terminations, including Multiplexing. Ordering options for other Special Access Services needed to complete a circuit are available under Company FCC Tariffs as described in Part 0, Section 1. Effective February 13, 2026, this service is no longer available to new customers. Moves, changes, or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. For wire centers specific service withdrawal information, please refer to Part 0, Section 8D, of this Product Guide. (N) (N)

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B. DESCRIPTION

A DIGIPATH digital service II (**DDS II**) channel is a channel for the simultaneous transmission of digital data at the rate of 2.4, 4.8, 9.6, 19.2, 56.0 or 64.0 kbps. The actual bit rate is a function of the channel interface selected by the Customer. DDS II operates on a 24-hour-per-day seven-days-per-week basis in a full-duplex, synchronous transmission mode over facilities between Customer-designated premises, between a Customer-designated premises and a Company hub or between a Customer-designated premises and a wire center where connection to Company provided frame relay services and ATM-cell relay services occurs. DDS II is subject to the availability of equipment, facilities and technical limitations. The CPE is a CSU/DSU and terminates at the demarcation as a 4-wire interface.

C. TECHNICAL SPECIFICATIONS

Technical specifications and technical specification packages are delineated in Technical Reference TR-NWT-000341, Issue 2. Channel Interface requirements necessary for Secondary Channel Capability are contained in Technical Reference TR-NPL-000157.

D. Channel interfaces for DDS II may be found at the common language product of iconectiv.com.

E. OPTIONAL FEATURES AND FUNCTIONS

1. Central Office Bridging Capability

Provides an arrangement to bridge 2.4 kbps, 4.8 kbps, 9.6 kbps, 19.2 kbps 56 or 64 kbps DDS II facilities. Different speeds cannot be mixed on the same bridge. This function is provided on a per port basis.

2. Secondary Channel Capability (**SCC**)

Channel conditioning, provided from suitably equipped Hubs, that permits a DDS II channel to be used with a compatible Customer-provided Data Service Unit which can derive a lower speed secondary channel at a synchronous rate as described in Technical Reference TR-NPL-000157. The secondary channel operates in parallel with the primary DDS II channel and can provide simultaneous two-way transmission of digital signals between Customer premises. The SCC is used for diverse network capabilities including, but not limited to, providing a lower speed data channel or access to a network management system to perform on line diagnostics and testing, data monitoring, traffic measurement, etc. This feature is available on a point to point or multipoint basis, where facilities permit, but is not available with channels which require regenerative repeaters in the loop to the Customer premises. Customers must agree to out-of-service periods required to add this feature to an existing channel. SCC is not available with 64.0 kbps.

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F. THRUPATH SERVICE

A ThruPath Service connection occurs when a Digipath digital service II channel which has been derived from one multiplexed 1.544 Mbps High Capacity Service is interconnected with a Digipath digital service II channel which has been derived from a different multiplexed 1.544 Mbps High Capacity Service of the same bit rate. The two derived channels are interconnected to create a single channel of a lesser capacity between the two multiplexed facilities.

In addition to the channel mileage rates for the lesser capacity channel arranged between the two Hubs, a nonrecurring charge (Thrupath Connection Charge) applies. The ThruPath Connection Charge applies whether the Hubs or Hub are located in the same or different wire centers.

Except for the Company hub locations set forth below, High Capacity ThruPath Service connections are available at or between all Intermediate or Super-Intermediate Hubs.

- Mansfield, MA
- Maynard, MA
- Natick, MA
- New Bedford, MA
- North Chelmsford, MA
- Rehoboth, MA

G. APPLICATION OF RATES AND CHARGES

If the change involves the rearrangement of an existing DIGIPATH digital service II special access service to a High Capacity Service, a DDS II to DS1 Rearrangement Charge will apply to each DIGIPATH digital service II rearranged.

If the change involves the rearrangement of an existing DIGIPATH digital service II special access service derived from a High Capacity Service to a different High Capacity Service, a DDS II to DS1 Rearrangement Charge will apply. The charge applies only when both High Capacity Services involved are between the same Customer premises and Company Hub where the multiplexing function is performed. The DDS II to DS1 Rearrangement Charge will apply to each DIGIPATH digital service II rearranged.