

CTC Communications Corp.
d/b/a EarthLink Business
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RESOLD LOCAL AND INTEREXCHANGE TELECOMMUNICATIONS TARIFF

SECTION 4 - DIGITAL DATA SERVICE (CONT'D.)

4.6 ISDN Basic Service and Virtual Serving Arrangement – General (Cont'd.)

4.6.1 Service Description, (Cont'd.)

D. Optional Features (cont'd.)

3. Packet Switching Service - Provides synchronous and asynchronous transport of user data, usually relatively short bursts of data. The data is separated into discrete segments called packets for transmission. All packets are interleaved (statistically multiplexed) as they are transmitted. Routing and control information (packet header) is automatically inserted at the beginning of each packet, and error detection information (packet trailer) is automatically inserted at the end of each packet. Complete with this information, the entire packet is routed to its intended destination over a path that is established at call set up.

With either HSPSD or LSPSD, a logical connection (channel) is established between the calling and called line. This logical connection is called a virtual circuit. This differs from a circuit switched connection in that no physical path or circuit is permanently established between the two lines.

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