

PSC NO 5 TELEPHONE
Broadwing Communications LLC
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Revision 0
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SECTION 5: LOCAL EXCHANGE SERVICE

5.7 ISDN Primary Rate Interface (PRI) Service (cont'd.)

5.7.1 Standard Features for Circuit Switched Voice and Circuit Switched Data Services (cont'd)

B) Caller Name and Number Delivery (Caller ID) Capability

All calling numbers presented to the services working on the ISDN PRI connection can be delivered to the customer's CPE, including calls made to Direct Inward Dialing Service telephone numbers.

C) Clear Channel Capability

ISDN PRI uses a standard 23b +D channel format providing "B" channels solely used for customer applications, since all signaling and control functions are handled by the "D" channel. This allows up to 64 Kbps access on each "B" channel and multiple B channels can be configured together in order to satisfy bandwidth requirements required to pass customer information to distant end terminations where technically feasible via Focal ISDN PRI connections. ISDN PRI also allows multiple T1s to be configured as one user group using a single D channel for signaling support thus increasing available bandwidth.

D) Digital Voice Transmission

All voice calls are converted from an analog into a digital format to be transported across the network.

E) "D" Channel Control of Multiple Prime

Utilizes a single "D" channel to provide signaling and control for multiple ISDN PRI connections within a defined group. This allows the end user an additional bandwidth of 1.544 Mbs for each additional PRI port connection.

F) Equal Access Calling

Allows the customer to predefine an interexchange carrier or randomly access an interexchange carrier for each Trunk Group enabled. The carrier designation can be changed for charges as filed for the State of New York with the F.C.C. in The Company Corporation Tariff F.C.C. No. 1.

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