

## PSC NY No. 10--COMMUNICATIONS

Verizon New York Inc.

Section 5  
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The Two-wire Analog Loop with Customer Specified Signaling provides a transmission channel between an end user customer location and a Telephone Company central office that is not a part of, or connected to, other Telephone Company services. An unbundled 2-wire Analog Loop with Customer Specified Signaling is suitable for the transport of voice grade analog signals and the type of channel supervisory signaling that is specified by the CLEC at the time the service is ordered.

The CLEC can choose from the following signaling options: loop start, ground start, and loop reverse-battery.

Loop-start (LS) signaling is a type of switch line signaling in which the network provides a battery source. To initiate a call, end user premises equipment provides a loop closure that causes DC loop current to flow, which the network detects.

Ground-start signaling is a type of signaling in which one side of the 2-wire loop is momentarily grounded to instantaneously obtain dial tone. Ground-start signaling is often used with PBXs.

Loop reverse-battery signaling is a type of switch line DC signaling that uses loop-open and loop-closure signals to indicate on-hook and off-hook signals in one direction, and normal battery polarity and reverse battery polarity to indicate on-hook and off-hook signals in the other direction. The end of the service that generates loop-open and loop-closure signals is called the originating end, and the other end which generates the normal-battery polarity and reverse-battery polarity signals is called the terminating end.

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Issued in compliance with Order of the Public Service Commission, dated January 28, 2002 in Case No. 98-C-1357.

See PREFACE Item 25 for Statement of Company's Reservation of Objections.

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