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SECTION 9 - ACCUNET SPECTRUM OF DIGITAL SERVICES

9.2 SERVICE COMPONENTS AND RATES (Cont'd)

9.2.3 Channel Options (Cont'd)

A. Signaling Capability (Cont'd)

2. Ground Start Loop Signaling - Ground Start Loop Signaling is used for services which use central office switching equipment on the open end and a PBX on the closed end to provide a PBX to central office trunk.

In the operation of this arrangement, the closed end provides a closed loop and momentary ground for the ring conductor as a seizure. The open end provides a ground on the tip and battery on the ring as a seizure. This arrangement will transmit dial tone and 20 Hertz ringing from the open end to the closed end, and will transmit dial pulses or multifrequency pulsing address signals from the closed end to the open end.

3. E&M Signaling Interface - The E&M Signaling Interface consists of two leads, the E lead and the M lead. The E lead generally receives supervision and pulsing from the distant interface. The M lead generally transmits supervision and pulsing toward the distant interface. This signaling arrangement is used for registered or grandfathered switching equipment tie trunks.
4. Two-Point Automatic Ringdown Signaling Arrangements Loop Closure Interface - In this signaling arrangement, the calling station activates 20 Hertz ringing by providing a tip to ring conductor short as an off-hook signal. The 20 Hertz ringing operates a bell or relay at the distant station. Loop Closure interface is used for handset, key set, switchboard and console terminations.
5. Manual Signaling Arrangements for Two-Point or Multipoint Services 20 Hertz Interface - In this signaling arrangement, the calling station transmits 20 Hertz ringing activated by the operation of a key or a button. The 20 Hertz ringing activates a bell or relay at the distant station. In the multipoint application, all stations receive the ring from the calling location.

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