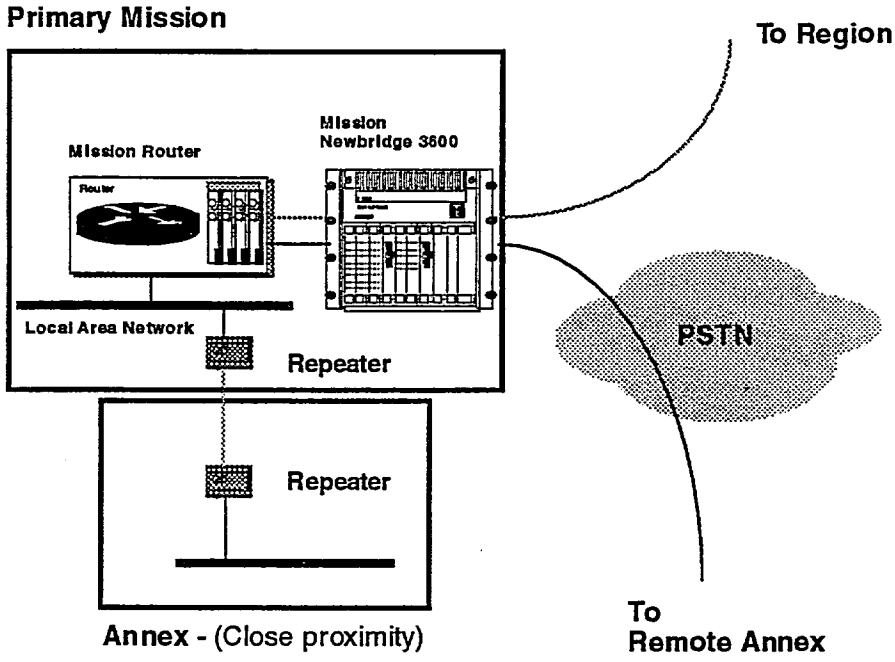

Figure 11.2: Mission Routers and Close Proximity Annex Connection

c. Mission routers will communicate with the region routers via the MITNET Frame Relay Service. The Mission MITNET will not switch the frame relay service but provide a backhauled 19.2 Kbit/s circuit to the region MITNET node. The Frame Relay services is further described in Section 12.0.

11.1 Electrical Specification

a. The region MITNET node and router will be in compliance with the CCITT Recommendation X.21. This recommendation defines the physical characteristics and call control procedures for a general purpose interface between DTE and DCE.

b. The Mission MITNET node and router will be in compliance with the RS-232C/D standards.

c. In the case of a remote annex a PSTN network connection may be needed to implement the desired connectivity. In this case a V.32bis modem with an RS-232C/D connection. Where national PTT standards dictate specific standards then these should be applied.

11.2 Physical Interconnection

a. CCITT Recommendation X.21 defines the mechanical characteristics as being a 15-pin DTE/DCE connector. These characteristics are defined in International Standards Organization (ISO) 4903 document.