NVISION compact routers shall provide an RJ45 10/100BaseT Ethernet interface for control and configuration. This Ethernet interface shall implement a variant of the NVISION Ethernet Protocol (defined in NP0016-00 and NP0018-00). This variant shall implement the following messages:

- 0x0000 0050 Take Command

- 0x0000 0059 Router Partition Information Command

- 0x0000 005E Crosspoint Tally Command

- 0x0000 0500 Get Software Version Command

- 0x0000 0501 Read Ethernet Settings Command

- 0x0000 0502 Write Ethernet Settings Command

- 0x0000 0701 Reset Command

- 0x0000 0900 Device Discovery Command

- 0x0000 5000 System Status Command

Compact routers shall not implement TCP/IP control but will instead implement the same Ethernet protocol messages as defined above but shall utilize UDP as the transport mechanism. The protocol port and other parameters shall remain unchanged.