

9.6 Bridges

- a. The following naming convention can be utilized for all types of bridges:
 - i. Remote Bridges
 - ii. Local 2-port Bridges
 - iii. Multi-port Bridges
- b. The role of bridges has not yet been finalized within SIGNET. Multi-port bridge deployment within large SIGNET backbones may provide a greater application traffic throughput. It's ability to provide this greater bandwidth is dependent on existing traffic loads and patterns. A more detailed application traffic analysis within the SIMCENTRE would provide some of the details necessary to determine multi-port bridge requirements.
- c. A generic naming structure for bridges is included here. A simple structure, similar to the concentrators, provides the necessary functionality. A prefix of B followed by 3 a digit number provides the necessary naming capability with the designator e for LAN ethernet ports and w for WAN ports, if remote bridges are used within SIGNET. Network connectivity and position within the network hierarchy will need is determined via the proper network management tools.

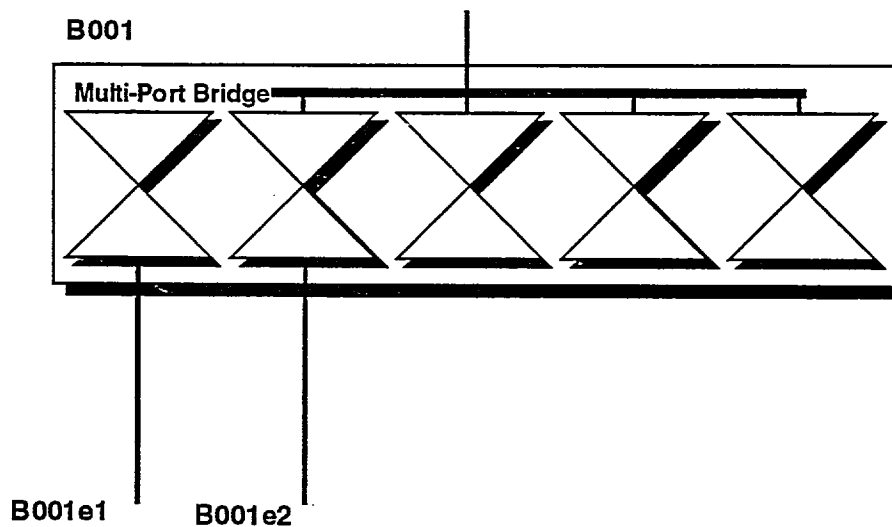


Figure 9.7: Bridge Naming Convention