

Resolution of HIPPI-6400-SC Rev 1.9 Public Review comment

Public Review comment from T11.1 on HIPPI-6400-SC Rev 1.9 -

Methods proposed in HIPPI-6400-SC are inadequate to prevent broadcast loops. Approval of the current document would result in a standard that would not properly support multi-switch broadcast. This would make HIPPI-6400 ineffective in supporting some higher level networking protocols.

The broadcast function requires a switch to identify the inbound port a Message arrives upon. This capability is needed, but unstated. For a broadcast server, the same information on inbound port number is needed and there is no defined way for the information to pass from the switch to the broadcast server.

Response to the Public Review comment -

Task Group T11.1 has accepted the comment regarding problems with broadcast in the proposed HIPPI-6400 Switch Control standard and has modified the document to correct the problem.

Two types of HIPPI-6400 switches are now defined. One of these (non-bridging) does not support broadcast. The other (bridging) requires compliance with the IEEE 802.1d standard and thus supports broadcast in accordance with that standard.

The changes made by the Task Group are substantive and technical in nature.

Votes to forward HIPPI-6400-SC Rev 2.5 for final processing as an ANSI standard -

HIPPI-6400-SC Rev 2.5 is T11 document number T11/98-407v1.

Motion: Forward the response to the HIPPI-6400-SC Public Review comment and HIPPI-6400-SC Rev 2.5 for final processing.

T11.1 passed the above motion 8-0-2 (meeting the 2/3 rule) on August 12, 1998

T11 passed the above motion 48-0-29 (meeting the 2/3 rule) on August 13, 1998