



U.S. DESIGN MEANS QUALITY & SERVICE

X3 Secretariat
311 First Street, NW
Washington, DC 20001-2178
Attention: Lynn Barra

Wed, Jul 1, 1992

Dear Ms. Barra:

I am writing in response to the X3 Committee's public review and comment period on X3.131-199x, the Small Computer System Interface (SCSI-II). I have spoken with John Lohmeyer about our concern, and here want to state U.S. Design's comment for the record.

In the Message System Specification of SCSI-II, the extended message code 02h, which previously was used for the EXTENDED IDENTIFY message, has been removed. It is now a reserved code. This decision adversely impacts our product offering.

U.S. Design has a product that uses the EXTENDED IDENTIFY message to address individual platter surfaces within an optical medium-changer device. We provide both the target and initiator interfaces, and our system uses the extended message service to support concurrent threads to each platter surface in the jukebox. The target interface looks like a standard write-once or optical memory device, while our own jukebox control logic decides when to execute the actual changer commands.

With the EXTENDED IDENTIFY message code gone from SCSI-II, we know of no way under this specification to address more than 8 logical units at a single bus address. This is a limitation that is hardly befitting to SCSI. We surmount it in our product line, but would ask the SCSI committee to address it in a formal manner in a future specification.

Sincerely,

A large, stylized handwritten signature in black ink, appearing to read "Chuck Duquette".

Chuck Duquette

cc.: American National Standards Institute (1)
John Lohmeyer, NCR Corporation (1)