

**Project Proposal  
for a Amendment  
to INCITS 370-2004, ATA/ATAPI Host Adapter Standard  
(HBA)**

**9 October 2006**

## **1 Source of Proposed Project**

**1.1 Title:** HBA Amendment 1

**1.2 Date Submitted:** 10 October 2006.

**1.3 Proposing Group:** T13.

## **2 Process Description for the Proposed Project**

**2.1 Project Type:** D - Development.

**2.2 Type of Document:** Amendment.

**2.3 Definitions of Concepts and Special Terms:** none.

**2.4 Expected Relationship with Approved Reference Models, Frameworks, Architectures, etc.**  
None, it is expected that this standard will be used in closed systems.

**2.5 Recommended INCITS Development Technical Committee:** T13.

### **2.6 Anticipated Frequency and Duration of Meetings**

Technical Committee T13 meets on a regularly scheduled basis (see <http://www.t10.org> for the current meeting schedule). Specific task ad hoc groups are called as required between the regular meetings but their results are not binding.

**2.7 Target Date for Initial Public Review (Milestone 4):** December 2006.

**2.8 Estimated Useful Life of Standard or Technical Report:** 5 Years or greater

## **3 Business Case for Developing the Proposed Standard or Technical Report**

### **3.1 Description**

The current HBA standard contains errors and practices that are not correct with the industry development. This amendment corrects these errors to reflect the intent of the standard when originally developed.

### **3.2 Existing Practice and the Need for a Standard**

The amendment would correct errors that are present in the standard and do not reflect the intent

### **3.3 Implementation Impacts of the Proposed Standard**

#### **3.3.1 Development Cost**

Members of T13 will provide the necessary resources. The T13 members will host the required meetings for development, provide for the necessary lab experiments, and provide the Technical Editor for the project.

**3.3.2 Impact on Existing or Potential Markets**

This proposed project is intended to provide a consistent standard for the development of ATA host adapters for parallel ATA devices and serial ATA devices emulated as parallel ATA devices.

**3.3.3 Costs and Methods for Conformity Assessment**

The committee will consider the results of testing as may be available to the committee through the voluntary efforts of the various participants in T13. With this method all costs are borne by the organizations of the various participants and have for the most part been mainly an adjunct of their normal development costs.

**3.3.4 Return on Investment**

ROI information is considered proprietary data by the member organizations, but members have stated that the ROI is expected to be large.

**3.4 Legal Considerations**

**3.4.1 Patent Assertions**

Calls will be made to identify assertions of patent rights in accordance with the relevant INCITS, ANSI, and ISO/IEC policies and procedures.

**3.4.2 Dissemination of the Standard or Technical Report**

Drafts of this document will be disseminated electronically. Dissemination of the final standard will be restricted, as the document becomes property of INCITS, ANSI, and/or ISO/IEC.

**4 Related Standards Activities**

**4.1 Existing INCITS / ANSI Standards:**

ID Number	Title
NCITS.370-2004	ATA/ATAPI Host Adapter Standards

**4.2 Related Standards Activity**

ID Number	Title
None	

**4.3 Corresponding ISO projects**

ID Number	Title
None	

**4.4 Recommendations for Close Liaison**

None

**5 Units of Measurement used in the Standard**

Not measurement sensitive.