Proposal for a new work item on

Title: Information technology --- for SCSI Primary Commands - 2, SPC-2

PROPOSAL FOR A NEW WORK ITEM

Date of presentation of proposal: 2003-01-01	Proposer: SC25
Secretariat: Germany(DIN)	ISO/IEC JTC 1 / SC 25 N, 14776-312

A **proposal for a new work item** shall be submitted to the secretariat of the Subcommittee of ISO/IEC joint technical committee 1 concerned with a copy to the secretariat of ISO/IEC JTC1 and to the ISO Central Secretariat. **Presentation of the proposal** - to be completed by the proposer Guidelines for proposing and justifying a new work item are given in ISO Guide 26.

Title ISO/IEC: INFORMATION TECHNOLOGY: SCSI Primary Commands - 2, SPC-2

Scope: SPC-2 contains the second-generation definition of the basic commands for all SCSI device types. SPC-2 is used in conjunction with a specific device type standard.

Purpose and justification: The SCSI command set is designed to provide efficient peer-to-peer operation of SCSI devices (disks, tapes, printers, etc.) by an operating system. The SCSI command set assumes an underlying command-response protocol.

The SCSI command set provides multiple operating systems concurrent control over one or more SCSI devices. However, proper coordination of activities between the multiple operating systems is critical to avoid data corruption. Commands that assist with coordination between multiple operating systems are described in this standard. However, details of the coordination are beyond the scope of the SCSI command set.

This standard defines the device model for all SCSI device types. This standard defines the SCSI commands that are basic to every device model and the SCSI commands that may apply to any device model.

The processor device model is defined in this standard. Some target SCSI devices may implement an initiator subset of the processor device model to support the Asynchronous Event Reporting capability defined in the SCSI-3 Architecture Model.

Programme of work: If the proposed new work item is approved, which of the following document(s)is (are) expected to be developed?
__X__ a single International Standard more than one International Standard

Relevant documents to be considered:

Cooperation and liaison: **None.**		

Preparatory work offered with target date(s): ANSI NCITS.351:2001 is available		

Signature: Dr . Walter v. Pattay, Secretary of ISO/IEC JTC 1/SC 25		

Will the service of a maintenance agency or registration authority be required? ....No............... Are there any known requirements for coding? ....No............Does the proposed standard concern known patented items? ... No.

Comments with respect to the proposal in general, and recommendations thereon:
It is proposed to assign this new item to JTC 1/SC 25 as project 1.25.13.11.27 .

Voting on the proposal - Each P-member of the ISO/IEC JTC 1/SC 25 has an obligation to vote within the time limits laid down.

Date of circulation:	Closing date for voting:	Signature of JTC 1/SC 25 Secretary: **Dr. Walter v. Pattay**

NEW WORK ITEM PROPOSAL - PROJECT ACCEPTANCECRITERIA		
Criterion	**Validity**	**Explanation**
A Business Requirement		
A.1 Market Requirement	Essential _X__ Desirable ___ Supportive ___	This interface is available on many computers and storage systems.
A.2 Regulatory Context	Essential ___ Desirable __X_ Supportive ___ Not Relevant ___	
B. Related Work		
B.1 Completion/Maintenance of current standards	Yes __ No__X_	
B.2 Commitment to other organization	Yes ___ No__X_	

B.3 Other Source of standards	Yes ___ No__X_	
C. Technical Status		
C.1 Mature Technology	Yes _X_ No___	The technology for SCSI is mature.
C.2 Prospective Technology	Yes ___ No__X_	The standard is needed now.
C.3 Models/Tools	Yes ___ No__X_	
D. Conformity Assessment and Interoperability		
D.1 Conformity Assessment	Yes ___ No__X_	
D.2 Interoperability	Yes _X__ No___	If standard approved as this is the prime objective.
E. Other Justification		

Notes to Proforma

A. Business Relevance. That which identifies market place relevance in terms of what problem is being solved and or need being addressed.

A.1. Market Requirement. When submitting a NP, the proposer shall identify the nature of the Market Requirement, assessing the extent to which it is essential, desirable or merely supportive of some other project.

A.2 Technical Regulation. If a Regulatory requirement is deemed to exist- e.g. for an area of public concern e.g. Information Security, Data protection, potentially leading to regulatory/public interest action based on the use of this voluntary international standard - the proposer shall identify this here.

B. Related Work. Aspects of the relationship of this NP to other areas of standardization work shall be identified in this section.

B.1 Competition/Maintenance. If this NP is concerned with completing or maintaining existing standards, those concerned shall be identified here.

B.2 External Commitment. Groups, bodies, or for a external to JTC1 to which a commitment has been made by JTC for cooperation and or collaboration on this NP shall be identified here.

B.3 External Std/Specification. If other activities creating standards or specifications in this topic area are known to exist or be planned, and which might be available to JTC1 as PAS, they shall be identified here.

C. Technical Status. The proposer shall indicate here an assessment of the extent to which the proposed standard is supported by current technology.

C.1 Mature Technology. Indicate here the extent to which the technology is reasonably stable and ripe for standardization.

C.2 Prospective Technology. If the NP is anticipatory in nature based on expected or forecasted need, this shall be indicated here.

C.3 Models/Tools. If the NP relates to the creation of supportive reference models or tools, this shall be indicated here.

D. Any other aspects of background information justifying this NP shall be indicated here.

D. Conformity Assessment and Interoperability

D.1 Indicate here if Conformity Assessment is relevant to your project. If so, indicate how it is addressed in your project plan.

D.2 Indicate here if Interoperability is relevant to your project. If so, indicate how it is addressed in your project plan.