

## Proposal for a new work item on

### Title: Information technology - SCSI Block Commands - 2 (SBC-2) part 322

#### PROPOSAL FOR A NEW WORK ITEM

Date of presentation of proposal: 2004-04-22	Proposer: SC25
Secretariat: Germany(DIN)	ISO/IEC JTC 1 / SC 25 N

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.

<b>Title ISO/IEC: INFORMATION TECHNOLOGY - SCSI Block Commands - 2 (SBC-2) 14776-322</b>
<b>Scope:</b> SBC-2 permits SCSI block logical units such as rigid disks to attach to computers and provides the definition for their use.  This standard maintains a high degree of compatibility with the SCSI Block Commands (SBC) command set, ISO/IEC 14776-321:2002, and while providing additional functions, is not intended to require changes to presently installed devices or existing software.
<b>Purpose and justification:</b>  SCSI devices that conform to this standard are referred to as SCSI block devices. This includes the category of logical units commonly referred to as rigid disks and removable rigid disks. MMC-4 is typically used by CD-ROM devices.  The common attribute of block devices is that they are block addressable (i.e., the data are addressed on the block device in groups referred to as logical blocks). The number of bytes of user data contained in a single logical block is the block length. The block length is almost always greater than one byte and may be a multiple of 512 bytes. In addition, a logical block length is not required to bear any relation to the physical block length of the storage medium.
<b>Programme of work: If the proposed new work item is approved, which of the following document(s)is (are) expected to be developed?</b> <input checked="" type="checkbox"/> <b>a single International Standard</b>  <input type="checkbox"/> <b>more than one International Standard</b>
<b>Relevant documents to be considered:</b> ISO/IEC 14776-321:2002 (SBC).
<b>Cooperation and liaison:</b> None.
<b>Preparatory work offered with target date(s):</b> SBC-2 is currently at working draft revision 13 in INCITS T10. INCITS T10 letter ballot, ANSI submission, and ISO submission are expected by March 2005.

<b>Signature:</b>
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.
<b>Comments with respect to the proposal in general, and recommendations thereon:</b> It is proposed to assign this new item to JTC 1/SC 25 as project 1.25.13.11.31 .

**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.**

<b>Date of circulation:</b>	<b>Closing date for voting:</b>	<b>Signature</b>
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<b><i>NEW WORK ITEM PROPOSAL - PROJECT ACCEPTANCE CRITERIA</i></b>		
<b>Criterion</b>	<b>Validity</b>	<b>Explanation</b>
<b>A Business Requirement</b>		
A.1 Market Requirement	Essential <input checked="" type="checkbox"/> Desirable <input type="checkbox"/> Supportive <input type="checkbox"/>	The SCSI interface is widely available on PC, server, and multimedia devices.
A.2 Regulatory Context	Essential <input type="checkbox"/> Desirable <input checked="" type="checkbox"/> Supportive <input type="checkbox"/> Not Relevant <input type="checkbox"/>	
<b>B. Related Work</b>		
B.1 Completion/Maintenance of current standards	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
B.2 Commitment to other organization	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
B.3 Other Source of standards	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	

<b>C. Technical Status</b>		
C.1 Mature Technology	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	The technology for SCSI is mature.
C.2 Prospective Technology	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	The standard is needed now.
C.3 Models/Tools	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
<b>D. Conformity Assessment and Interoperability</b>		
D.1 Conformity Assessment	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
D.2 Interoperability	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	If standard approved as this is the prime objective.
<b>E. Other Justification</b>		

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## 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.