

# Proposal for a new work item on

**Title: Information technology --- for SCSI Serial Bus Protocol 3 (SBP-3)**

## PROPOSAL FOR A NEW WORK ITEM

Date of presentation of proposal: 2003-08-1	Proposer: SC25
Secretariat: Germany(DIN)	ISO/IEC JTC 1 / SC 25 N, 14776-233

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 Serial Bus Protocol 3 (SBP-3)</b>
<p><b>Scope:</b> This standard defines a protocol for the transport of commands and data over High Performance Serial Bus, as specified by IEEE Std 1394-1995 as amended by IEEE Std 1394a-2000 and IEEE Std 1394b-2002 (collectively IEEE 1394). ISO/IEC NWIP JTC 1 N 6776, project 1.25.13.15.01, HPSB</p> <p>The transport protocol, Serial Bus Protocol 3 (SBP-3), requires implementations to conform to the aforementioned standards as well as to IEEE Std 1212-2001, Control and Status Register (CSR) Architecture for microcomputer buses IS 13213, and permits the exchange of commands, data and status between initiators and targets connected to Serial Bus.</p> <p>This standard is an evolutionary extension of ANSI NCITS 325-1998, Serial Bus Protocol 2 (SBP-2) 14776-232, which revises and extends its protocols to take advantage of implementation experience gained subsequent to the development of SBP-2, the continued evolution of High Performance Serial Bus, IEEE 1394, as well as other IEEE Serial Bus standards in development.</p>
<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> <b><u>  X  </u> a single International Standard more than one International Standard</b>
<b>Relevant documents to be considered:</b>
<b>Cooperation and liaison: None.</b>
<b>Preparatory work offered with target date(s): Available November 2003</b>
<b>Signature: Dr . Walter v. Pattay, Secretary of ISO/IEC JTC 1/SC 25</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? ... YES.

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 1.25.13.11.39 .**

**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: <b>Dr. Walter v. Pattay</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"/>	This interface is available on many computers and storage systems.
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>		