



New Work Item Proposal

April 2005

PROPOSAL FOR A NEW WORK ITEM

Date of presentation of proposal: 2005-12-01	2Proposer: ISO/IEC JTC1/SC25
Secretariat: DIN National Body USA	ISO/IEC JTC 1/SC 25 N XXX

A **proposal for a new work item** shall be submitted to the secretariat of the ISO/IEC joint technical committee concerned with a copy to the ISO Central Secretariat.

Presentation of the proposal - to be completed by the proposer.

Title Small Computer System Interface - Part 453: SCSI Primary Commands - 3 (SPC-3)

Scope

The SCSI family of standards provides for many different types of SCSI devices (e.g., disks, tapes, printers, scanners). This standard defines a device model that is applicable to all SCSI devices. Other SCSI command standards (see 3.1.18) expand on the general SCSI device model in ways appropriate to specific types of SCSI devices.

The set of SCSI standards specifies the interfaces, functions, and operations necessary to ensure interoperability between conforming SCSI implementations. This standard is a functional description. Conforming implementations may employ any design technique that does not violate interoperability.

This standard defines the SCSI commands that are mandatory and optional for all SCSI devices. Support for any feature defined in this standard is optional unless otherwise stated. This standard also defines the SCSI commands that may apply to any device model.

The following commands, parameter data, and features defined in previous versions of this standard are made obsolete by this standard:

- a) Contingent Allegiance;
- b) Untagged tasks;
- c) The RESERVE(6) and RESERVE(10) commands;
- d) The RELEASE(6) and RELEASE(10) commands;
- e) The ELEMENT_SCOPE for Persistent Reservations;
- f) The command support data (CMDDT) feature of the INQUIRY command;
- g) The relative addressing (RELADR) bit in the standard INQUIRY data;
- h) The Medium Partition mode pages (2), (3), and (4);
- i) The Control mode page DISABLE QUEUEING bit;
- j) Discussion of the SBC REBUILD, REGENERATE and XDWRITE EXTENDED commands; and
- k) The ASCII Implemented Operating Definition VPD page.

Purpose and justification –
 Provide the latest standard on SCSI Primary Commands
 It is proposed to assign this new item to JTC 1/SC 25 as project 1.25.13.11.33, 14776-453

Programme of work
 If the proposed new work item is approved, which of the following document(s) is (are) expected to be developed?
 a single International Standard
 more than one International Standard (expected number:)
 a multi-part International Standard consisting of parts
 an amendment or amendments to the following International Standard(s) IS 14165-122...
 a technical report , type
 And which standard development track is recommended for the approved new work item?
 a. Default Timeframe
 b. Accelerated Timeframe
 c. Extended Timeframe

Relevant documents to be considered ,SPC-3

Co-operation and liaison, INCITS

Preparatory work offered with target date(s) 2005-12-01

Signature:

Will the service of a maintenance agency or registration authority be required?NO.....
 - If yes, have you identified a potential candidate?
 - If yes, indicate name
 Are there any known requirements for coding?NO.....
 -If yes, please specify on a separate page
 Does the proposed standard concern known patented items?YES.....
 - If yes, please provide full information in an annex

Comments and recommendations of the JTC 1 or SC 25 Secretariat - attach a separate page as an annex, if necessary

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

Voting on the proposal - Each P-member of the ISO/IEC joint technical committee has an obligation to vote within the time limits laid down (normally three months after the date of circulation).

Date of circulation: YYYY-MM-DD	Closing date for voting: YYYY-MM-DD	Signature of Secretary:
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NEW WORK ITEM PROPOSAL - PROJECT ACCEPTANCE CRITERIA		
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Criterion	Validity	Explanation
A. Business Requirement		
A.1 Market Requirement	Essential <input checked="" type="checkbox"/> Desirable ___ Supportive ___	
A.2 Regulatory Context	Essential ___ Desirable ___ Supportive ___ Not Relevant <input checked="" type="checkbox"/>	
B. Related Work		
B.1 Completion/Maintenance of current standards	Yes ___ No <input checked="" type="checkbox"/>	
B.2 Commitment to other organisation	Yes ___ No <input checked="" type="checkbox"/>	
B.3 Other Source of standards	Yes ___ No <input checked="" type="checkbox"/>	
C. Technical Status		
C.1 Mature Technology	Yes <input checked="" type="checkbox"/> No ___	
C.2 Prospective Technology	Yes ___ No <input checked="" type="checkbox"/>	
C.3 Models/Tools	Yes ___ No <input checked="" type="checkbox"/>	
D. Conformity Assessment and Interoperability		
D.1 Conformity Assessment	Yes ___ No <input checked="" type="checkbox"/>	
D.2 Interoperability	Yes ___ No <input checked="" type="checkbox"/>	
E. Cultural and Linguistic Adaptability	Yes ___ No <input checked="" type="checkbox"/>	
F. 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 standardisation 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 fora external to JTC 1 to which a commitment has been made by JTC for Co-operation 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 JTC 1 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 standardisation.

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. 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

E. Cultural and Linguistic Adaptability Indicate here if cultural and linguistic adaptability is applicable to your project. If so, indicate how it is addressed in your project plan.

F. Other Justification Any other aspects of background information justifying this NP shall be indicated here