ISO/IEC JTC 1/SC 25
INTERCONNECTION OF INFORMATION TECHNOLOGY EQUIPMENT
Secretariat: Germany (DIN)

DOC TYPE: Resolution of comments and explanatory report

TITLE: Resolution of comments and explanatory report on
CD 14776-112: IT - Small Computer System Interface (SCSI) -
Part 112: Parallel Interface-2 (SCSI SPI-2)

SOURCE: SC 25/WG 4 / Project Editor

PROJECT: 25.13.11.21

STATUS: The NWIP had been distributed with JTC 1 N 5385 and the
approval is documented in JTC 1 N 5507.
CD 14776-112 was distributed with SC 25 N 471.
The draft has received supportive substantial support, see
SC 25 N 531.

The comments received with the CD vote have been resolved as
recorded in this document. As instructed with resolution 06/65
the document was updated and forwarded to ITTF for FDIS
voting together with the explanatory report attached.

REQUESTED: For information
ACTION

ACTION ID: FYI

DUE DATE: N/A

MEDIUM: Def

NOTE This document consists of two files 25N590.pdf and 25N590.htm

DISTRIBUTION: ITTF, JTC 1 Secretariat
P-, L-, O-Members of SC 25

No of Pages: **6** (excluding cover)   **Size in kB: 37** (including cover)

Resolution of comments on CD 14776-112: IT - Small Computer System Interface (SCSI) - Part 112: Parallel Interface-2 (SCSI SPI-2)

Member Body	Clause/ Subcl.	Parag./ line Figure/ Table	Page	E/G /T	Comments	Proposed change	Resolution of comments
US 01			global	E		Change all the page numbers so they are on the outside of the page rather than the inside.	Accepted
DE 04			ii	E		Replace US Patent Statement by ISO/IEC patent notice as documented in ISO/IEC Directives, Part 2, Amendment 1, 1994, Annex A, and make it preferably part of the introduction.	Accepted
US 02			ii	E		Change "holder's" to "holders" in the patent statement.	Accepted
DE 05			ii .. 199	E	Page numbering is on the inner side of each page of the document;	it should be on the outside -- this might be a document binding problem, however.	Accepted
DE 06			iii .. 199	E	Remove running heading "T10/1142D revision 20a" and running footing "Working Draft SCSI Parallel Interface-2" and replace by "ISO/IEC CD 14776-112" on pages i .. 119 according to ISO/IEC style.		Accepted
DE 01	title page		0	E		Remove phrase „T10 Project 1142D, Revision 20a, ...„.	Accepted
DE 02	title page		0	E		Remove Abstract from title page, merge with Foreword.	Accepted
DE 03	title page		0, ii	E		Remove phrase „ISO/IEC JTC 1/SC 25 25N471_1CD_...".	Accepted
JP 01	1		001	G	Relationship between SPI-2(this CD) and SPI(ISO/IEC 14776-111) • @• @is not clear. The difference between SPI-2 and SPI should be • @• @defined clearly.	Add the definition the difference between SPI and SPI-2	Accepted
JP 02	1	11	002	E	ANSI numbers should be IS numbers	"X3.269-1996" should be "ISO/IEC CD 14776-211"	Accepted

Member Body	Clause/ Subcl.	Parag./ line Figure/ Table	Page	E/G /T	Comments	Proposed change	Resolution of comments
DE 07			002 .. 199	E		Replace references to US standards by references to ISO/IEC or IEC standards where ever applicable (e.g. on page 2 replace "X3.272-1990" by "ISO/IEC CD 14165-121"). Please refer to document JTC 1/SC 25 N 401 *SC 25 Programme of Work* for detailed information on ISO/IEC JTC 1/SC 25 standards.	All fixed except EIA-700AOAF and EIA-700AOAE. An IEC project should be requested for these.
US 09	1		002, 3	E		delete references to ANSI.	Accepted
DE 08	Clause 2		003	E		Normative references: Remove 2nd paragraph starting "Copies of the following documents may be obtained from ...".	Accepted
DE 09			003	E		Avoid "hanging paragraphs" in paragraphs 2, 5, 6, 7, 8, 9, and 10 as described in ISO/IEC Directives, Part 3, 3rd edition 1997, clause 5.2.4, page 28.	Accepted
JP 03	1	3	003	E	Use IS No.	"X3.301-1997" should be "ISO/IEC CD 14776-311"	Accepted
JP 04	1	6	003	E	Use IS No.	"NCITS 306-199x" should be "ISO/IEC CD 14776-321"	Accepted
JP 05	1	9	003	E	Use IS No.	"T10.999D" should be "ISO/IEC CD 14776-351"	Accepted
JP 06	1	10	003	E	Use IS No.	"X3.276-1997" should be "ISO/IEC CD 14776-341"	Accepted
JP 07	1	12	003	E	Use IS No.	"X3.304-199x" should be "ISO/IEC CD 14776-361"	Accepted
JP 08	1	15	003	E	Use IS No.	"X3.270-1996" should be "ISO/IEC DIS 14776-411"	Accepted
JP 09	1	18	003	E	Use IS No.	"X3.232-1996" should be "ISO/IEC CD 9316-2"	Accepted
JP 10	1	20	003	E	Use IS No.	"ANSI X3.131-1994" should be "ISO/IEC 9316"	Accepted
JP 11	2.1	2	003	E	Use IS No.	"ANSI X3.131-1994" should be "ISO/IEC 9316"	Accepted
JP 12	2.1	3	003	E	Use IS No.	"X3.270-1996" should be "ISO/IEC DIS 14776-411"	Accepted

Member Body	Clause/ Subcl.	Parag./ line Figure/ Table	Page	E/G /T	Comments	Proposed change	Resolution of comments
JP 13	2.1	4	003	E	Use IS No.	"X3.301-1997" should be "ISO/IEC CD 14776-311"	Accepted
US 07	1		003	E		us ISO/IEC terminology for "Layer 2"	Accepted
US 08	1		003	E		extra comma ", is referred to herein"	Accepted
US 10	1		003	E	missing period after last word SCSI-2.		Accepted
US 11	2.2		004	E	missing comma before East Englewood.		Obsolated by deletion of para.
US 12	2.3		004	E		CA should be capitalized.	Accepted
US 13	2.3		004	E		replace "from a FAX access at xxx" with "xxx (fax)" like in 2.2.	Accepted
US 14	3.4		010	E	In (pg) missing space after comma "(comma(e.g.)".		Accepted
DE 09			019	E		Avoid "hanging paragraphs"	Accepted
DE 11			019, 191, ..	E		Replace references to ASTM B827 standard by references to appropriate international standard.	Accepted
DE 10			019, 20, 26, ..			Replace references to EIA standards by references to IEC standards.	See DE07 comment
DE 12			020, 26, 179, ..	E		Replace references to SFF-8xxx standards by references to appropriate international standards.	SFF references removed and information placed into annexs.
DE 09			047	E		Avoid "hanging paragraphs"	Accepted
US 03 b	6		047	E		"At lease" should be "At least".	Accepted
US 04	Table 20		054	E		delete extra space before period - "ground ."	Accepted
DE 09			055	E		Avoid "hanging paragraphs"	Accepted
U05S	Table 22		056	E		Change to 17,25 V from 17.25 V.	Accepted
US 03 a			063	E	In figure 27 the lower right S is labelled S 1. It should be S 2 .		Accepted

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06US 06	Table 36		080	E	note 2 is repeated twice.		Accepted
DE 09			083	E		Avoid "hanging paragraphs"	Accepted
DE 09			089	E		Avoid "hanging paragraphs"	Accepted
DE 09			103	E		Avoid "hanging paragraphs"	Accepted
US 15 a	11.1.3		107	E		In "and the appropriate parity bit" should be "bits".	Accepted
US 15 b	11.1.5.1		109, 110	E		In "and the appropriate parity bit" should be "bits".	Accepted
US 16	11.1.5.2		110	E	reference to 6.6.21 is incorrect - such a clause doesn't exist.		Accepted
US 17	11.1.5.2		110	E	The sentence needs correction: "For successful completion of the data phase is that the number...".	Change it to ?For successful completion of the data phase the number...?.	Accepted
US 1 9	11.1.5.2		110	T		Change the following paragraphs as indicated below: "The target shall assert the REQx signal for a minimum of a transmit assertion period. The target shall then wait at least the greater of a transfer period from the last transition of the REQx signal to true or a minimum of a transmit negation period from the last transition of the REQx signal to false before again asserting the REQx signal. The initiator shall assert the ACKx signal for each REQx assertion received. The ACKx signal may be asserted as soon as the corresponding REQx assertion has been received. The initiator shall assert the ACKx signal for a minimum of a transmit assertion period. The initiator shall wait at least the greater of a transfer period from the last transition of the ACKx signal to true or for a minimum of a transmit negation period from the last transition of the ACKx signal to false before asserting the ACKx signal. If the I/O signal is true (transfer to the initiator), the target shall first drive the DB(7-0,P), DB(15-0,P,P1), or DB(31-0,P,P1,P2,P3) signals to their desired values, wait at least one transmit setup time (strikethrough: system deskew delay plus one cable skew), then assert the REQx signal. The DB(7-0,P),	Accepted

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						DB(15-0,P,P1), or DB(31-0,P,P1,P2,P3) signals shall be held valid for a minimum of one (strikethrough: system deskew delay plus one cable skew plus) (strikethrough: one) transmit hold time after the assertion of the REQx signal. The target shall assert the REQx signal for a minimum of an assertion period. The target may then negate the REQx signal and change or release the DB(7-0,P), DB(15-0,P,P1), or DB(31-0,P,P1,P2,P3) signals. The initiator shall read the value on the DB(7-0,P), DB(15-0,P,P1), or DB(31-0,P,P1,P2,P3) signals within one receive hold time of the transition of the REQx signal to true. The initiator shall then respond with an ACKx assertion.

If the I/O signal is false (transfer to the target), the initiator shall transfer one byte for each REQx assertion received. After detecting a REQx assertion, the initiator shall first drive the DB(7-0,P), DB(15-0,P,P1), or DB(31-0,P,P1,P2,P3) signals to their desired values, delay at least one transmit setup time (strikethrough: system deskew delay plus one cable skew), then assert the ACKx signal. The initiator shall hold the DB(7-0,P), DB(15-0,P,P1), or DB(31-0,P,P1,P2,hP3) signals valid for at least one (strikethrough: system deskew delay plus one cable skew plus one) transmit hold time after the assertion of the ACKx signal. The initiator shall assert the ACKx signal for a minimum of a transmit assertion period. The initiator may then negate the ACKx signal and may change or release the DB(7-0,P), DB(15-0,P,P1), or DB(31-0,P,P1,P2,P3) signals. The target shall readthe value of the DB(7-0,P), DB(15-0,P,P1), or DB(31-0,P,P1,P2,P3) signals within one receive hold time of the transition of the ACKx signal to true. | |
| US 18 | 11.5.1.1 | | 118 | E | the quote '"Negate ATN Before Dropping ACK".' should be. | '"Negate ATN before last"' To match the actual column ACK. headers | Accepted |
| DE 13 | | | 190 | E | | Replace reference to AWG standard by reference to appropriate IEC standard. | Accepted |