Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
Cisco 1	E	5	3.1.2	Fix formatting: " -2"		Accepted.	
Cisco 2	E	6	3.1.21	Capitolize "a"		Accepted.	
Cisco 3	E	6	3.1.26	Capitolize "a"		Accepted.	
Cisco 4	E	6	3.1.29	Capitolize "a"		Accepted.	
Cisco 5	E	6	3.1.33	Text contains a shall	See if normative text already exists elsewhere and remove the shall from the definition.		
Cisco 6	E	7	3.1.49	Text contains a normative statement "Setmarks may be ignored based on the RSMK mode parameter".	See if normative text already exists elsewhere and remove the statement from the definition.		
Cisco 7	E	8	3.1.54	"An SCSI device …"	"A SCSI device …"	Accepted.	
Cisco 8	T	8		Add definition of "word"	word: Specifies a 32-bit construct.	Rejected. Eliminate bit, byte, or word in the keywords clause.	
Cisco 9	T	12	4.2.1	Specifies that Reserve/Release are mandatory and Persistent Reserve/Release are optional. This is good but I believe we have moved beyond normal Reserve/Release functionality. For example, 3rd Party Copy.	Specify Persistent Reserve/Release are mandatory and Reserve/Release are optional (or mandatory).	Pending. Need to specify the minimum Persistent Reserve implementation.	
Cisco 10	E	14	4.2.1	Change to "see Figure 5"		Accepted.	
Cisco 11	E	14	4.2.1	Change to "see Figure 6"		Accepted.	
Cisco 12	E	15	4.2.2	Duplicate paragraphs	Delete 2nd paragraph		
Cisco 13	E	17	Figure 10	Second instance of BOP0 incorrect	Should be BOP1		
Cisco 14	E	17	4.2.4, paragraph 1	Specifies "at least two types" then lists three instances of the two types	change "filemarks, and setmarks" to "marks".		
Cisco 15	T	19	4.2.6	Need more text stating that explicit address commands enable a robust tagged command mechanism.	Need to supply text here.	Pending. Provide text.	
Cisco 16	E	19	4.2.7, paragraph 1	Contains text "determine write sequence". "write sequence" is a defined term thus may not be used in the proper context here.	Reword or use something other than "write sequence" in this paragraph.		
Cisco 17	E	19	4.2.7, paragraph 4	Specifies "The READ POSITION and LOCATE commands use four-byte fields…"	"The READ POSITION and LOCATE commands contain fields to hold …"		
Cisco 18	E	24	4.2.10, paragraph 1	"… may follow the progress …"	Change to"determine the progress", "check on the progress", or "may test the progress".		
Cisco 19	E	24	4.2.11	No reference or text describing what block address mode is.	Add reference or text describing block address mode.		
Cisco 20	E	25	Note 3	Seems out of place.	Find proper place.		
Cisco 21	E	25	4.2.12, item e)	No reference to state diagram(s)	Add reference to state diagram(s).		
Cisco 22	E	25	4.2.12	missing comma	Add comma after reference		
Cisco 23	E	25	4.2.13	missing comma and reference	Add reference and comma		
Cisco 24	E	25	4.2.13, paragraph 2	"setting of the bit"	"setting of the BAM bit"		
Cisco 25	E	25	4.2.13, paragraph 3	"setting of the PARAMETER LENGTH field"	"setting of the PARAMETER LENGTH field in the CDB"		
Cisco 26	E	29	Figure 14	missing comma	add comma after case in the note		
Cisco 27	E	32	Table 7	(this flag is set as in 5, or 6)	(this flag is set as specified in flag number 5h, or 6h)		
Cisco 28	E	33	4.2.14.3, paragraph 3	Paragraph is redundent	Remove or reword.		
Cisco 29	E	33	4.2.15, para 1	"described the table 9"	"described in table 9"		
Cisco 30	E	33	4.2.15, para 3	(see Annex A)	(see SPC-3 Annex D)	Accepted. Changed to refer to SPC-3 only.	
Cisco 31	E	34	4.2.15, para 4	"medium into a format"	"medium using a format"	Accepted.	
Cisco 32	E	34	4.2.15, para 7	"defining the e values"	"defining the values"	Accepted.	

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
Cisco 33	T	39	5.2.1, para 1	"logical unit shall ensure that all buffered data, filemarks, and setmarks have been transferred to the medium". Is it the logical unit or device server that ensures the flush? In para 3 it states "…the device server shall return status as soon as all buffered data, filemarks, and setmarks have been written to the medium ..."	Make sure these statements are consistent throughout the document	Accepted. The device server is entity that ensures the flush.	
Cisco 34	T	40	5.2.1, last para	LOCATE OPERATION FAILED	Need to obtain the ASC codepoint via SPC-3	Accepted. ASC = 14h/07h	
Cisco 35	E	46	5.5.1, para 7	Difficult to parse	Convert the text to a list or table		
Cisco 36	E	all	all	fixed-length or fixed length variable-length or variable length	Be consistent		
Cisco 37	T	all	all	INFORMATION field processing	Implement changes per the new sense data format per SPC-3	Pending. See CPQ #84.	
Cisco 38	E	62	6.7.1, para 5	see Table 22	see table 22, and check for other instances		
Cisco 39	E	67	7.2.1, para 2	extra space; "beginning-of -partition"	remove space		
Cisco 40	E	88	7.11.1, para 4	"shall be 16"	"shall be set to 16"		
Cisco 41	T	89	7.11.1	What happens when implicit locate fails.	Add text specifying behavior.	Accepted. Add text similar to implied locate for write.	
Cisco 42	E	96	Table 58	PAGE LENGTH(OEh)	Use zero, not capitol "O"		
Cisco 43	E	99	Table 61	PAGE LENGTH(OEh)	Use zero, not capitol "O"		
Cisco 44	E	109	Table 67	PAGE LENGTH(OEh)	Use zero, not capitol "O"		
Cisco 45	E	110	Table 68	PAGE LENGTH(OEh)	Use zero, not capitol "O"		
CPQ 1	E	pdf 1	general	In the final pdf file, please number the pages i, ii, iii, ... until the Scope section, which should start numbering 1, 2, 3, …This is done in Acrobat 4 or 5 using the Number Pages command.			
CPQ 2	E	pdf 1	general	For the final pdf file, please run Acrobat 5's Optimize pdf command. This reduces this file from 888 KB to 819KB.			
CPQ 3	E	pdf 1	general	In the final pdf file, please set the document title to SCSI Stream Commands - 2 and the author to David A. Peterson			
CPQ 4	E	pdf 2	Points of Contact page	Update George Penokie's address/company and John Lohmeyer's email address		Accepted	
CPQ 5	E	pdf 4	ANSI patent page	Change 199n to 200n		Accepted	
CPQ 6	E	pdf 15	Foreword	Make "device type" small-caps in "device type field"		Accepted	
CPQ 7	E	pdf 17	1 Scope	Remove Common Access Method from figure 1		Accepted	
CPQ 8	E	pdf 18	1 Scope	Remove "Serial Storage Architecture SCSI-2 Protocol SSA-S2P [ANSIX3.294:1996]" from the list of transport protocols		Accepted	
CPQ 9	E	pdf 18	1 Scope	Rename "SCSI VI Protocol SVP" to "SCSI RDMA Protocol SRP"		Accepted	
CPQ 10	E	pdf 18	1 Scope	Change "Fiber" to "Fibre" in "Fiber Channel Physical Amendment 1"		Accepted	
CPQ 11	E	pdf 19	1 Scope	Remove "Common Access Method:SCSI Common Access Method CAM [ISO/IEC 9316-421] [ANSI X3.232:1996]" from the list of SCSI standards		Accepted	
CPQ 12	E	pdf 19	1 Scope	Delete "The Small Computer System Interface - 2 standard (ANSI X3.131-1994) and the architecture that it describes are referred to herein as SCSI-2."		Accepted	

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
CPQ 13	E	pdf 20	2.3 Normative approved references for optional features	Change Fiber to Fibre in "Fiber Channel Physical Amendment 1"		Accepted	
CPQ 14	E	pdf 20	2.3 Normative approved references for optional features	Remove "- Small Computer System Interface -2 SCSI-2 ISO/IEC 9316:1995-11		Accepted	
CPQ 15	E	pdf 20	2.3 Normative approved references for optional features. 2.4 Normative references under development for mandatory features 2.5 Normative references under development for optional features	Delete the dashes/bullets starting each line listing a standard.		Accepted	
CPQ 16	E	pdf 21	3.1.15 early-warning:	add (EW) afer early-warning		Accepted	
CPQ 17	E	pdf 21	3.1.16 end-of-data:	Add (EOD) after end-of-data		Accepted	
CPQ 18	E	pdf 24	3.2 Acronyms	Add "BOx beginning-of-medium or beginning-of-partition"		Accepted	
CPQ 19	E	pdf 24	3.2 Acronyms	Remove "SCSI-2 Small Computer System Interface - 2"		Accepted	
CPQ 20	E	pdf 24	3.2 Acronyms	Add SBC SCSI Block Commands (used on page 11)		Accepted	
CPQ 21	E	pdf 24	3.2 Acronyms	Keep all the acronyms on one page (SSC is alone on page 9)			
CPQ 22	E	pdf 24	3.1.62 write sequence	Add 5.2 (the ERASE command) to "(see 5.6 and 5.7)" (WRITE and WRITEFILEMARKS) since it too has FCS and LCS bits.		Accepted	
CPQ 23	E	pdf 24	3.2 Acronyms	Change "SCSI either SCSI-2 or SCSI-3" to "SCSI Small Computer System Interface"		Accepted	
CPQ 24	E	pdf 24	3.2 Acronyms	add (see xx) for each acronym with a glossary entry or remove it from CDB		Accepted. Removed the reference.	
CPQ 25	E	pdf 27	4.2 Sequential-access device model	The paragraph in 4.2 needs to be moved into a subsection of 4.2 (it's a "hanging paragraph")		Accepted. Added clause 4.2.1 Sequential-access device model overview	
CPQ 26	T	pdf 28	4.2.1 Physical elements	Remove "COPY, COPY AND VERIFY," from write protection paragraph. They're no longer documented in SPC-2. Consider replacing them with "EXTENDED COPY"		Accepted, replace with EXTENDED COPY. Add EXTENDED COPY to both Explicit and Implicit command sets. (See Compaq 60)	
CPQ 27	E	pdf 29	4.2.1 Physical elements	Figure 3 — Typical medium track layout and other figures Reduce whitespace between figure and caption for all figures in this section.		Accepted	
CPQ 28	E	pdf 33	4.2.3 Partitions within a volume	Figure 10 Change the rightmost BOP0 to BOP1 and add EOP1 on the far right		Accepted	
CPQ 29	E	pdf 33	4.2.4 Logical elements within a partition 3rd paragraph	Change "using the MODE SELECT command" to "the Device configuration [mode] page"		Accepted. Changed to use Device Configuration mode page throughout.	

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
CPQ 30	E	pdf 33	4.2.4 Logical elements within a partition 4th paragraph	Change "using the MODE SELECT command" to "using the Device Configuration [mode] page." (another comment asks that the page always be referred to as a mode page rather than just a page)		Accepted.	
CPQ 31	E	pdf 33	4.2.3 Partitions within a volume (and elsewhere)	Some lists use a) b) c) while others use A) B) C). Pick one case for simple lists There are a few nested lists where different cases are used for different levels. I'd continue doing that, but make sure the top level matches the case for simple non-nested lists.		Accepted.	
CPQ 32	E	pdf 34	4.2.4 Logical elements within a partition	Change "using the MODE SELECT command" to "using the Device configuration mode page"		Accepted.	
CPQ 33	T	pdf 35	4.2.7 Recorded object descriptors (block identifiers)	5th paragraph claims "The READ POSITION and LOCATE commands use four-byte fields to hold these recording format dependent identifiers." The fields are bigger than four bytes in LOCATE (16) and in the long format now available to READ POSITION.		Accepted, remove "four-byte" text and review the document for other instances. Dap: need to review the term(s) logical block address.	
CPQ 34	E	pdf 36	4.2.8 Direction and position definitions	Change "beginning-of-medium" to "BOM", "end-of-data (EOD)" to "EOD" and "end-of-medium (EOM)" to "EOM". The acronyms were defined earlier.		Accepted.	
CPQ 35	E	pdf 36	4.2.8.1 Error reporting	Table 1 — Error conditions and sense keys Remove periods from end of each condition, or add them to each		Accepted, added period to each entry.	
CPQ 36	E	pdf 36	4.2.8.1 Error reporting	This should be 4.2.9, not a subsection of 4.2.8		Accepted.	
CPQ 37	T	pdf 36	4.2.8.1 Error reporting	Change "Target reset" to "Logical unit reset"		Accepted.	
CPQ 38	E	pdf 38	4.2.9 Write protection	The paragraphs in 4.2.9 need to be moved into a subsection (they are "hanging paragraphs")		Accepted. Added new clause "Write protection introduction".	
CPQ 39	E	pdf 38	4.2.9.1 Write protect additional sense code use	In Table 2 caption and 2nd column header, change "ASC/ASCQ" to "additional sense code"		Accepted.	
CPQ 40	E	pdf 39	4.2.9.2 Software Write Protect for the device server	Change "shall be reset" to "shall be set"		Accepted.	
CPQ 41	T	pdf 39	4.2.9.2 Software Write Protect for the device server	Change "on a reset or power-up condition" to "after power on or a logical unit reset" (logical reset includes hard reset which includes power on so "after a logical unit reset" should suffice, too)		Accepted, use "after a logical unit reset".	
CPQ 42	T	pdf 39	4.2.9.3 Associated Write Protect 4.2.9.4 Persistent Write Protect 4.2.9.5 Permanent Write Protect	Change "if a reset or power-up condition occurs" to "after a power on or a logical unit reset occurs" (logical reset includes hard reset which includes power on so "after a logical unit reset occurs" should suffice, too. I don't mind mentioning power on separately.)		Accepted, same as CPQ 41.	
CPQ 43	E	pdf 40	4.2.10 Progress indication	In table 3, change "ASC" to "additional sense code".		Accepted.	
CPQ 44	E	pdf 41	4.2.12 Explicit address mode tagged write sequences	FCS and LCS should be small caps throughout.		Accepted.	

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
CPQ 45	E	pdf 41	4.2.12 Explicit address mode tagged write sequences	Add 5.2 (ERASE) to "see 5.6 and 5.7" (WRITE and WRITE FILEMARKS) since it too has FCS and LCS bits. (2 times in this section)		Accepted.	
CPQ 46	T	pdf 41	4.2.12 Explicit address mode tagged write sequences	Require that there only be one tagged write sequence in flight at a time (or only one command with FCS=0 LCS=1 in flight at a time). If the initiator sent two back to back sequences and commands arrive out of order, it could wrongly associate the second LCS with the first FCS and try to process the sequence. Thanks to the LBAs in the CDBs, commands within a sequence can be held until LCS arrives and reordered before processing, iff there is no confusion about the LCSes. Example: Initiator might try to send these sequences: Write (LBA=0, FCS), Write (1, none), Write (2, LCS) Write (LBA=4, FCS), Write (5, none), Write (6, LCS) Target might receive: Write (LBA=0, FCS), Write (1, none), Write (6, LCS) Does it treat that as an error or wait hoping for Write (2), Write (3), Write (4), and Write (5)? Worse is if the LBAs between two sequences overlap. Normal drivers should ensure two commands to the same LBA are not in flight at the same time. The FCS/LCS bits mean no commands in overlapping sequences can be in flight at the same time. Write (LBA=0, FCS), Write (1, none), Write (2, LCS		Accepted in principle. Add text stating the usage of CRN along with text regarding previous/overlapped write sequence with same LBA. Also may need a new ASC.	
CPQ 47	T	pdf 43	4.2.13 Block address mode state diagrams	Figure 12, figure 13, and figure 15 have entry events for TARGET RESET and LOGICAL UNIT RESET Change this to one entry event for "logical unit reset." Add to the glossary: 3.1.xx logical unit reset: A logical unit action in response to a logical unit reset event in which the logical unit performs the operations described in SCSI Architecture Model-2. 3.1.xx logical unit reset event: An event that triggers a logical unit reset from a logical unit as described in SCSI Architecture Model-2.		Accepted.	
CPQ 48	E	pdf 43	4.2.13 Block address mode state diagrams	Figures 12, 13, 14, 15 send error (SEQUENTIAL POSITIONING ERROR) send error (ILLEGAL COMMAND WHILE IN WRITE CAPABLE STATE) send error (ILLEGAL COMMAND WHILE IN EXPLICIT ADDRESS MODE) send error (ILLEGAL COMMAND WHILE IN IMPLICIT ADDRESS MODE) These are the only mentions of those additional sense codes in the document. The main text should list them somewhere; perhaps in a table.			
CPQ 49	E	pdf 43	4.2.13 Block address mode state diagrams	Figures 12, 13, 14, 15 BAML, BAM, FCS, LCS should be small caps in the figures		Accepted.	

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
CPQ 50	E	pdf 43	4.2.13 Block address mode state diagrams	Figures 12,13,14,15 The figures should list the sense key that goes with each of the additional sense codes specified in send error ().			
CPQ 51	E	pdf 43	4.2.13 Block address mode state diagrams	Figure 14 Change comand to command (twice)		Accepted.	
CPQ 52	E	pdf 46	4.2.14 TapeAlert application client interface	The paragraphs in 4.2.14 need to be moved into a subsection (they are "hanging paragraphs")		Pending. Need to determine course of action regarding TapeAlert text in SSC-2.	
CPQ 53	T	pdf 47	4.2.14.2 TapeAlert log sense format	Each flag shall be cleared in the following circumstances: I suspect that "logical unit reset" is another case where the flags shall be cleared. It can replace "D) on hard reset" and "A) At drive power on"		Accepted. Dap: need to review flag behavior upon resetting conditions.	
CPQ 54	E	pdf 47	4.2.14.1 TapeAlert informational exceptions control page implementation	Table 5 - TapeAlert default informational exceptions control page In DEXCPT description, change "that" to "which"		Accepted.	
CPQ 55	E	pdf 49	4.2.14.3 Tape drive/autoloader flag definitions	Table 8 - TapeAlert flag definitions Change 1h to 01h		Accepted.	
CPQ 56	E	pdf 50	4.2.15 READ ATTRIBUTE and WRITE ATTRIBUTE command support	Change "see SPC-3 clause 8.3.4.1)" to "see SPC-3" - cannot reference sections in another document, especially one that is changing monthly.		Accepted.	
CPQ 57	E	pdf 50	4.2.15 READ ATTRIBUTE and WRITE ATTRIBUTE command support	Change "(see SPC-3 Annex D)" to "(see SPC-3)" in text and in note 8 - cannot reference sections in another document, especially one that is changing monthly.		Accepted.	
CPQ 58	E	pdf 52	4.2.16 Devices reservations and command behavior	Table 11 - Streaming commands that are allowed… Change RECOVER BUFFERED DATA(6) to "RECOVER BUFFERED DATA". There is no (16) version to differentiate from.		Accepted.	
CPQ 59	E	pdf 53	5 Explicit address command descriptions for sequential-access devices	Sections 5.2 through 5.7 each have single subsections (5.2.1, 5.3,1 etc). This extra level should be removed.		Accepted.	
CPQ 60	T	pdf 53	5.1 Summary of commands for explicit mode 6.1 Summary of commands for implicit mode	To both tables, add: EXTENDED COPY, O, 83h RECEIVE COPY RESULTS, O, 84h ACCESS CONTROL IN, O, 86h ACCESS CONTROL OUT, O, 87h READ ATTRIBUTES, O, 8Ch WRITE ATTRIBUTES, O, 8Dh MAINTENANCE IN, O, A3h MAINTENANCE OUT, O, A4h		Accepted. Break out MAINTENANCE IN/OUT ala SPC-3 table 15. Dap: Need to review other new commands per SPC-3. Dap: Review SPC-3 annex for correctness per tape devices.	

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
CPQ 61	E	pdf 53	5.1 Summary of commands for explicit address mode 6.1 Summary of commands for implicit address mode	Change "manadatory" to "mandatory"		Accepted.	
CPQ 62	T	pdf 53	5.1 Summary of commands for explicit address mode 6.1 Summary of commands for implicit address mode	The phrase "shall be implemented only if the [implicit|explicit] address command set is supported" is not accurate. INQUIRY is marked as Mandatory, yet it is still required even if the address mode of the section is not supported. The phrase "all other operation codes are reserved for future standardization" is also incorrect; there are codes in the other address mode that are not reserved for the future, they're already assigned. Perhaps one table of all the commands with a column indicating Implicit, Explicit, or Both would work better.		Accepted first issue. Second issue; delete the offending sentence. No plans to do another spin of the table(s).	
CPQ 63	T	pdf 54	5.1 Summary of commands for explicit address mode 6.1 Summary of commands for implicit address mode	REPORT LUNS is listed as Mandatory here, but SPC-3 lists it as optional for tape devices. Which is intended?		Accepted. Mandatory is the intention.	
CPQ 64	E	pdf 60	5.4.1 READ REVERSE(16) command	Change "Refer to the READ(16) command (see table 22)" to "Refer to the READ(16) command (see 5.3)" Table 22 is READ(6), not READ(16), and a section reference is better.		Accepted.	
CPQ 65	T	pdf 60	5.4 READ REVERSE (16)	Remove this bizarre command from the explicit command set. Are any new tape drives likely to implement it? Consider removing READ REVERSE (6) from the implicit command set, too.		Pending. Group to review if this command is needed.	
CPQ 66	E	pdf 61	5.5 VERIFY(16) command	Table 16 Change VERIFIFICATION to VERIFICATION		Accepted.	
CPQ 67	E	pdf 62	5.5.1 VERIFY(16) command	Change "Refer to the READ(16) command (see table 22)" to "Refer to the READ(16) command (see 5.3)" Table 22 is READ(6), not READ(16), and a section reference is better.		Accepted.	
CPQ 68		pdf 62				See CPQ 67	
CPQ 69	E	pdf 63	5.6 WRITE(16) command	Table 17 Change RSVD to Rsvd (no small caps)		Accepted.	
CPQ 70	E	pdf 63	5.6 WRITE(16) command	Change "(see SPC-3)" to "(see 8.3)" for this BLOCK LENGTH reference.		Accepted.	
CPQ 71	E	pdf 68	6 Implicit address command descriptions for sequential-access devices	Sections 6.2 through 6.9 each have single subsections (6.2.1, 6.3,1 etc). This extra level should be removed.		Accepted.	
CPQ 72	E	pdf 72	6.4 READ(6)	Change "(see SPC-3)" to "(see 8.3)"		Accepted.	
CPQ 73	E	pdf 74	6.5.1 READ REVERSE(6) command	Change "Refer to the READ(6) command (see table 22)" to "Refer to the READ(6) command (see 6.4)"		Accepted.	
CPQ 74	E	pdf 78	5.4.1 VERIFY(6) command	Change "Refer to the READ(6) command (see table 22)" to "Refer to the READ(6) command (see 6.4)" (two times in this section)		Accepted.	

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
CPQ 75	E	pdf 79	6.8 WRITE(6) command	Change "(see SPC-3)" to "(see 8.3)"		Accepted.	
CPQ 76	E	pdf 83	7 Common command descriptions for sequential-access devices	Sections 7.2 through 7.11 each have single subsections (7.2.1, 7.3,1 etc). This extra level should be removed.		Accepted.	
CPQ 77	E	pdf 89	7.5 READ BLOCK LIMITS command	Table 35 Make Granularity small caps		Accepted.	
CPQ 78	E	pdf 96	7.7.1 RECOVER BUFFERED DATA command	Change "Refer to the READ(6) command (see table 22)" to "Refer to the READ(6) command (see 6.4)"		Accepted.	
CPQ 79	E	pdf 98	7.8 REPORT DENSITY SUPPORT command	Table 43 Density support header Make DENSITY SUPPORT DATA BLOCK DESCRIPTORS mixed case, not small caps (it's not a field)		Accepted.	
CPQ 80	E	pdf 102	7.10 SET CAPACITY command	In "Any excess space shall be unavailable on the volume after successful completion of this command until reset by a new SET CAPACITY command." change "reset" to "changed"		Accepted.	
CPQ 81	E	pdf 102	7.10 SET CAPACITY command	Change "device resets" to "logical unit resets"		Accepted.	
CPQ 82	E	pdf 102	7.10 SET CAPACITY command	In "Other vendor-specific actions such as physical erasure may reset the total capacity of the volume." change "reset" to "change" or phrase it as "may set the available medium for a volume to the total capacity of the volume"			
CPQ 83	T	pdf 103	7.11 SPACE(16) command	This section doesn't describe error handling (e.g. when EOM or FILEMARK are set in the sense data), presumably inheriting those details from SPACE(6). Another command in this section - LOCATE(16) - does duplicate the text from LOCATE(10) on error handling. The explicit-only commands like READ(16), WRITE, etc. also are self-describing, not referring to their implicit ancestors. To make this consistent, either include all the text from SPACE(6) in the SPACE(16) description, or delete the redundant text from LOCATE(16), ERASE(16), READ(16), READ REVERSE(16), VERIFY(16), WRITE(16), and WRITE FILEMARKS(16).		Accepted. Include all text pertinent text from SPACE(6) into SPACE(16).	
CPQ 84	T	pdf 104	7.11 SPACE (16) command	In the error handling section, add a note that the residual may consume 8 bytes and thus sense data page formats 72h and 73h are required with their 8 byte INFORMATION fields.		Pending	
CPQ 85	E	pdf 106	8.2 Log parameters	The paragraphs in 8.2 are hanging paragraphs and should be moved into a subsection		Accepted.	
CPQ 86	E	pdf 106	8.2 Log parameters	Sort the table by page code rather than alphabetically by Description.		Accepted.	
CPQ 87	T	pdf 106	8.2 Log parameters	Table 50 - Log page codes Add 3 more pages: 0F Application client log page SPC-3 10h Self-test results log page SPC-3 2Fh Informational exceptions log page SPC-3		Accepted.	

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
CPQ 88	E	pdf 107	8.2.1 Sequential-access device page	I suggest changing "page" to "log page" for all references to this page. Help keep mode page vs. log page clear.		Accepted.	
CPQ 89	E	pdf 107	8.2.1 Sequential-access device page	Change "hard resets" to "logical unit resets"		Accepted.	
CPQ 90	E	pdf 107	8.2.1 Sequential-access device page	Table 51 — Parameter codes for sequential-access device page. Make all descriptions end in . or not end in .		Accepted.	
CPQ 91	E	pdf 108	8.3 Mode parameters	I suggest changing "page" to mode page" for all references to the mode pages. Help keep mode page vs. log page clear.		Accepted.	
CPQ 92	E	pdf 108	8.3 Mode parameters	The paragraphs in 8.3 are hanging paragraphs and should be moved into a subsection		Accepted.	
CPQ 93	E	pdf 108	8.3 Mode parameters	Change "reset condition (e.g., Target Reset, SCSI Logical Unit Reset, Fibre Channel Reset LIP or PLOGI)" to "logical unit reset." Include the FC LIP and PLOGI examples into Note 45 to better explain the FCP-2 letter ballot comment problem that caused this rule.		Accepted. Dap: don't like this change. The intent is the device-specific parameters be retained for more than just a logical unit reset.	
CPQ 94	E	pdf 108	8.3 Mode parameters	Note 45 Change "a reset event" to "a logical unit reset event"		dap: a reset event is wider than just a logical unit reset.	The device-specific parameters contained in the mode parameter header, mode block descriptor values, and Data Compression mode page shall be retained following a mode parameters reset event (e.g., Target Reset, SCSI Logical Unit Reset, Fibre Channel Reset LIP or PLOGI). Note 45 This is to facilitate continued operation for applications such as backup/restore following a mode parameter reset event.
CPQ 95	E	pdf 108	8.2.2 TapeAlert log page	Table 52 Change TMC(0) to TMC(00b) since it is a two bit field		Accepted.	
CPQ 96	T	pdf 108	8.2.2 TapeAlert log page	Table 52 includes PARAMETER LENGTH (140h) But n is allowed to be 1 to 64. The parameter length is a maximum of 140h, not set to 140h.		Accepted in principle. Add note clarifying that 140h is required.	
CPQ 97	E	pdf 109	8.3 Mode parameters	Table 55 - Speed field definition Make Speed smallcaps		Accepted.	
CPQ 98	E	pdf 110	8.3 Mode parameters	Item A "following a power on or reset condition occurring while not ready" Change to "following a logical unit reset, if the logical unit is not ready"		dap: accepted provided a power on performs a logical unit reset	
CPQ 99	E	pdf 110	8.3 Mode parameters	Item F "following a reset condition occurring while ready" Change to "following a logical unit reset, if the logical unit is ready"		dap: accepted provided a power on performs a logical unit reset	
CPQ 100	E	pdf 111	8.3 Mode parameters	Table 57 Mode page codes Change "page" to "mode page" in "Read-write error recovery page" everywhere to match SPC-3 terminology		Accepted.	

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
CPQ 101	E	pdf 111	8.3 Mode parameters	Table 57 - Mode page codes Change "page" to "mode page" in "Data compression page" everywhere to match SPC-3 terminology		Accepted.	
CPQ 102	E	pdf 114	8.3.1 Data compression page	Table 58 Change (OEh) to (0Eh) (letter O to number zero)		Accepted.	
CPQ 103	E	pdf 114	8.3.1 Data compression page	Table 60 — Compression algorithm identifiers Keep table on one page.			
CPQ 104	E	pdf 115	8.3.2 Device configuration page	Table 61 Change (OEh) to (0Eh) (letter O to number zero)		Accepted.	
CPQ 105	E	pdf 115	8.3.1 Data compression page	Table 60 - Compression algorithm identifiers Make all descriptions end with . or not end with .		Accepted.	
CPQ 106	T	pdf 115	Add compression algorithms to the acronyms list or include the names here	ALDC = adaptive lossless data compression: QIC-154 IDRC = Improved Data Recording Capability DCLZ = Data Compression according to Lempel and Ziv: QIC-130, ISO/IEC-DIS 11558 There should be normative references for each of these too.		Accepted.	
CPQ 107	E	pdf 121	8.3.3 Medium partition page(1)	Change "or the device is reset" to "or until a logical unit reset"		Accepted.	
CPQ 108	T	pdf 121	8.3.3 Medium partition page (1)	A CLEAR bit of zero and an ADDP bit of zero specifies SCSI-2 compatibility. Since that standard did not specify any mandatory behavior, the logical unit may logically erase any or all partitions when one of the IDP, FDP, or SDP fields are set to one by a MODE SELECT command. Change this to "A CLEAR bit of zero and an ADDP bit of zero specifies that the logical unit may logically erase..."		Accepted.	
CPQ 109	E	pdf 125	8.3.5 Read-write error recovery page	Table 67 Change OAh to 0Ah (letter O to number zero)		Accepted.	
CPQ 110	E	pdf 126	8.3.6 Informational exceptions control page	In item a), change ASC/ASCQ to additional sense code (twice).		Accepted.	
CPQ 111	E	pdf 127	8.3.6 Informational exceptions control page	In text after Table 69, change ASC/ASCQ to additional sense code.		Accepted.	

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
CPQ 112	T	pdf 127	8.3.6 Informational exceptions control page	Table 69 - TapeAlert test descriptions This is describing a 4 byte two's complement field, so the values should all have 8 characters if shown in hex. Also, the reserved values should be listed. I'd try to avoid signed hex numbers a) 00000001h to 00000040h B) 00000040h to 00007FFEh c) 00007FFFh d) 00008000h to FFFFFFBFh e) FFFFFFC0h to FFFFFFFFh (i.e, -00000001h to -00000040h) Or, maybe signed decimal is easier: a) 1 to 64 b) -1 to -64 c) 32767 d) all others reserved		Accepted. Use signed decimal.	
CPQ 113	E	pdf 128	8.3.6 Informational exceptions control page	In item c), change ASC/ASCQ to additional sense code (twice)		Accepted.	
CPQ 114	E	pdf 129	A.1 Historical density codes	Change (see SPC-3) to (see 8.3). That's were sequential-access device codes are defined. SPC-3 just sends the reader back to the command standard.		Rejected. Remove annex and all references.	
CPQ 115	T	pdf 129	A.1 Historical density codes	The codes for DLT are not listed. Compaq will supply a list of additional codes for this table to the editor.		Rejected. Remove annex and all references.	
ENDL 1	E	pdf 5		Remove revision history before Public Review.		Accepted.	
ENDL 2	E	pdf 16	global	With the exception of the first sentence of the Introduction and the title immediately preceding clause 1, every instance of "SCSI Stream Commands -2" and "SSC-2" should be replaced by "this standard".		Accepted.	
ENDL 3	E	pdf 17	Clause 1 p2 s1	"...SCSI Stream Commands - 2 (SSC-2) standard..." s/b "...this standard...".		Accepted.	
ENDL 4	E	pdf 17	Clause 1 1st a,b,c list	Capitalize all first words in list entries or none.		Accepted	SPC-3 appears to be inconsistent with this also.
ENDL 5	E	pdf 17	Figure 1	Change "Transport Protocols" to "SCSI Protocols".		Accepted.	
ENDL 6	E	pdf 17	Clause 1, 1st p after Figure 1 [must fix]	"...a given transport." s/b "... a given SCSI protocol."		Accepted.	
ENDL 7	E	pdf 18	Clause 1	Update the SCSI Family of standards to match SAM-2.			
ENDL 8	E	pdf 19	Clause 1, last p before clause 2	Per 01-318r1, delete the sentence describing SCSI-2.		Accepted	
ENDL 9	E	pdf 19	Clause 2 [must fix]	Restructure References clause to follow the style found in SPI-4. This will make SSC-2 consistent with other SCSI standards and ease the transition to an ISO format.			
ENDL 10	E	pdf 20	2.3 - 1st list entry	Per 01-318r1, delete the normative reference to SCSI-2.		Accepted.	
ENDL 11	E	pdf 21		"Definition" s/b "Definitions"		Accepted.	
ENDL 12	E	pdf 21	3.1.2	It is not necessary to have both the spelled out name and acronym for SAM-2. Judging from 3.1.1, the spelled out name should be removed.			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
ENDL 13	E	pdf 21	3.1.7	"currently supporting" s/b "currently operating" since a logical unit can support both but only operate in one of the two.		Accepted.	
ENDL 14	E	pdf 21	3.1.8	Delete "...4.2.5), as reported in the mode parameter header device-specific parameter (see 8.3)." because the mode parameter header is fully described in the next sentence.			
ENDL 15	E	pdf 21	3.1.9	So that the definition of "byte" is not a full sentence (in keeping with the style of the other definitions), delete "specifies" and capitalize "an".		Accepted.	
ENDL 16	E	pdf 21	3.1.13	"executes" s/b "processes"		Accepted.	
ENDL 17	E	pdf 21	3.1.15	"early-warning:" s/b "early-warning (EW):"		Accepted.	
ENDL 18	E	pdf 21	3.1.16	"end-of-data:" s/b "end-of-data (EOD):"		Accepted.	
ENDL 19	E	pdf 22	3.1.21	Capitalize "a" in "a command..."		Accepted.	
ENDL 20	E	pdf 22	3.1.23	"which" s/b "that".		Accepted.	
ENDL 21	E	pdf 22	3.1.26	Capitalize "an" in "an explicit command ..."		Accepted.	
ENDL 22	T	pdf 22	3.1.28	Would it be better to replace "...positioning is implied based on the current position." with ".. positioning is implied relative to the current position."?		Accepted. Make 3.1.28 and clause 4.1 compatible.	
ENDL 23	E	pdf 22	3.1.33, last s	We usually avoid having requirements in definitions so "Filemarks and setmarks shall have a logical block address." would be better as "Filemarks and setmarks have a logical block address."			
ENDL 24	E	pdf 22	3.1.34	I am confused about the difference (if any) between a logical block address and the unique identifier that each logical element has. If there is a difference some hint about it would be good in either 3.1.33 or 3.1.34 or both.			
ENDL 25	E	pdf 23	3.1.38	Do not capitalize "Medium Auxiliary Memory".		Accepted.	
ENDL 26	E	pdf 23	3.1.40	"executing" s/b "processing".		Accepted.	
ENDL 27	E	pdf 23	3.1.52	The definition of "system" should be removed because the word "system" is never used in accordance with the definition.		dap: but it is used in the definition of service delivery subsystem	
ENDL 28	E	pdf 23	3.1.53	So that this definition is not a complete sentence (like most of the other definitions), "Tape is the..." s/b "The...".		Accepted.	
ENDL 29	E	pdf 23	3.1.53 2nd sentence	"which" s/b "that".		Accepted.	
ENDL 30	E	pdf 24	3.1.54 [must fix]	In honor of Gene Milligan "An SCSI" s/b "A SCSI".		Accepted.	
ENDL 31	E	pdf 24	3.1.54	"execute" s/b "process".		Accepted.	
ENDL 32	E	pdf 24	3.1.55	To avoid confusion with application clients, "A software application" s/b "A device server capability".		Accepted.	
ENDL 33	E	pdf 24	3.1.59	"executing" s/b "processing".		Accepted.	
ENDL 34	E	pdf 24	3.1.62	If FCS and LCS are bit fields then they should be in small caps.		Accepted.	
ENDL 35	E	pdf 24	3.2 [must fix]	Either add cross references to the glossary on every acronym defined in the glossary or remove the cross reference on CDB.		Accepted. Removed the reference.	
ENDL 36	E	pdf 24	3.2	Add an acronym for ECC since it is used in table 51.		Accepted.	
ENDL 37	E	pdf 24	3.2	Add an acronym definition for MAM because the acronym is used in 7.3.1.		Accepted.	

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
ENDL 38	E	pdf 24	3.2	Per 01-318r1, make SCSI equivalent to SCSI-3 and delete the SCSI-2 acronym.		Accepted. See CPQ 23.	
ENDL 39	E	pdf 24	3.2	Acronym SMC-2 should be removed because it is never referenced in the body of the standard.		Accepted	
ENDL 40	E	pdf 25	3.2	Acronym SSC should be removed because it is never referenced in the standard.		Accepted	
ENDL 41	E	pdf 25	3.2	Add the following acronym: "SSC-2 SCSI Stream Commands -2 (this standard)"		Accepted	
ENDL 42	E	pdf 25	3.3.8, p1, s2	"this standards" s/b "this standard".		Accepted	
ENDL 43	E	pdf 25	3.3.12, p1, s1	"Items (e.g., a bit, field, code values, etc.)..." s/b "Items (e.g., bits, fields, code values)..."		Accepted	
ENDL 44	E	pdf 27	4.2 heading [must fix]	In order to eliminate a hanging paragraph and prepare for ISO standardization, add "4.2.1 Sequential-access device model overview" immediately following the 4.2 heading.		Accepted	
ENDL 45	E	pdf 28	4.2.1, 1st p on pdf pg 28, s1	"executing" s/b "processing".		Accepted	
ENDL 46	E	pdf 28	4.2.1, 2nd p on pdf pg 28, s1	"executed" s/b "processed".		Accepted	
ENDL 47	E	pdf 28	4.2.1, 4th p on pdf pg 28, 2nd to last s [must fix]	The list of commands that result in CHECK CONDITION when write protection is enabled should have COPY and COPY AND VERIFY removed and EXTENDED COPY added.		Accepted	
ENDL 48	E	pdf 31	4.2.2, p2 & p3 [must fix]	The paragraphs preceding and following Figure 7 are identical. One of them should be removed.		Accepted. Removed first instance of the paragraph.	
ENDL 49	E	pdf 33	Figure 10	In the middle of figure 10, there is a BOP0 that seems like it should be BOP1.		Accepted.	
ENDL 50	E	pdf 33	4.2.3, a,b,c list after figure 10	The A) B) C) list should be an a) b) c) list as is the case in 4.1.		Accepted.	
ENDL 51	E	pdf 33	4.2.4, p4, s2	Since the fact that a setmark does not contain user data is already specified in the first sentence of this paragraph, "...that does not contain user data, providing..." s/b "...that provides...".		Accepted.	
ENDL 52	E	pdf 34	4.2.4 - 3rd p on pdf pg 34, s2	"which" s/b "that".		Accepted.	
ENDL 53	E	pdf 34	4.2.5, p5, last words in p	"...auto contingent allegiance protocol." s/b "...auto contingent allegiance."		Accepted.	
ENDL 54	T	pdf 35	4.2.5, last p in subclause	Since 4.2.5 calls the process of flushing the data buffer a "synchronize operation" (see 4.2.5, p4, s3), the column in table 12 and table 19 currently labeled "Flush Write Data" should have the label changed to "Synchronize Operation Required". Alternatively, the last paragraph in 4.2.5 needs to explain that flushing write data is equivalent to a synchronize operation. If neither of these changes are adopted, the references to table 12 and table 19 should be removed from the last paragraph of 4.2.5 since there is no clear way for the reader to tell which column in the tables is applicable.		Accepted. Specify flush write buffer is equivalent to a synchronize operation.	

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
ENDL 55	E	pdf 35	4.2.5, last p in subclause	"The WRITE BUFFER command shall ensure transfer of buffered data for modes 4 through 7 (download microcode operations) before performing the download operation." s/b "The WRITE BUFFER command used in modes 4 through 7 (download microcode operations) shall ensure transfer of buffered data before performing the download operation." Otherwise, I'm left think that tape data buffer have hitherto undescribed operating modes 4 through 7.			
ENDL 56	E	pdf 35	4.2.7, p5, last s	"...time (provided the volume has not been rewritten in the interim)." s/b "...time, provided the volume has not been rewritten in the interim." as the use of parentheses lowers the importance of the phrase.		Accepted.	
ENDL 57	E	pdf 36	4.2.8, last p & last s before 4.2.8.1	"executed" s/b "processed".		Accepted.	
ENDL 58	E	pdf 36	4.2.8.1 heading [must fix]	Error reporting is not a sub topic of sequential device positioning (i.e., 4.2.8). Therefore, the heading level of 4.2.8.1 should be changed to 4.2.9.		Accepted.	
ENDL 59	E	pdf 36	4.2.8.1, p1, s1	"execution" s/b "processing" and "executing" s/b "processing".		Accepted.	
ENDL 60	E	pdf 36	Table 1	If possible in the text editor being used, there should be some indication that table 1 is continued on the next page. I can explain how to do this in FrameMaker (but not MS Word).			
ENDL 61	E	pdf 37	Table 1, row 2	"execute" s/b "perform".		Accepted.	
ENDL 62	E	pdf 38	4.2.9 heading [must fix]	In order to eliminate a hanging paragraph and prepare for ISO standardization, add "4.2.9.1 Write protection introduction" immediately following the 4.2.9 heading.		Accepted.	
ENDL 63	E	pdf 38	4.2.9, p2, last s	"which" s/b "that".		Accepted.	
ENDL 64	E	pdf 38	4.2.9, 1st A) B) C) list	A) B) C) D) s/b a) b) c) d) as in 4.1. Also capitalize the first word of each list entry or capitalize none of them.		Accepted.	
ENDL 65	E	pdf 39	4.2.9.5, note 1 [must fix]	Note 1 should be made part of the normative text because the note contains a "shall" requirement.		Accepted.	
ENDL 66	E	pdf 40	4.2.10, 1st p after table 3, s2	"additional sense information" s/b "additional sense code".			
ENDL 67	E	pdf 40	4.2.10, 1st p after table 4, s2	"additional sense information" s/b "additional sense code".			
ENDL 68	E	pdf 40	Note 2, s1	"...information, which if acted upon, may lead..." s/b "...information that, if acted upon, may lead...". Note both the change in the position of the comma and the change from "which" to "that".			
ENDL 69	E	pdf 40	Note 2, s3	"which" s/b "that".			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
ENDL 70	E	pdf 41	4.2.11 a) in the a, b, c list	I cannot tell with certainty where the IF clause in this statement ends and the THEN clause begins. A "then" or comma needs to be added. Based on the format of the b) entry in this list, I guess a comma is needed. My best guess is that the second "and" should be replaced with a comma.		Accepted. Add a "then" after the first comma in the a) list. Dap: did not change entries b) or c).	
ENDL 71	E	pdf 41	4.2.11, Note 3	Does note 3 apply to all MODE SELECT commands or just to MODE SELECT commands that cause a particular action. For example, does note 3 apply to a MODE SELECT command that changes the TAS bit in the Control mode page? If not, then note 3 needs to be made more specific.		Accepted. Applies to all MODE SELECT commands. Change "a MODE SELECT" to "any MODE SELECT".	
ENDL 72	E	pdf 41	4.2.12 a,b,c list	Either capitalize the first word of each list entry or capitalize none of them.			
ENDL 73	E	pdf 41	4.2.12 a,b,c list	FCS should be small caps, in two places in list entry a) and in one place in list entry c).			
ENDL 74	E	pdf 41	4.2.12 a,b,c list, list entry b)	"...LCS (see 5.6 or 5.7)..." s/b "...LCS bit (see 5.6 or 5.7)..." and LCS should be in small caps.			
ENDL 75	E	pdf 41	4.2.12 a,b,c list	LSC should be small caps, in one additional place in list entry b) and in one place in list entry c).			
ENDL 76	E	pdf 41	4.2.12 a,b,c list, list entry e)	The second instance of "transfer length field" should have "transfer length" in small caps.			
ENDL 77	E	pdf 41		Either capitalize the first word of each list entry or capitalize none of them.			
ENDL 78	E	pdf 42	Figure 11	It seems like Figure 11 is a state diagram that is drawn differently from all the other state diagrams. Is there a VERY good reason for Figure 11 being different? If not, Figure 11 should be changed to look like all the other state diagrams.		Accepted.	
ENDL 79	E	pdf 43	Figure 12, Figure 13, Figure 14, Figure 15 [must fix]	Inclusion of state diagram figures such as these requires a description of the state diagram notation in Clause 3. See SAM-2 subclause 3.6.3 for an example.			
ENDL 80	T	pdf 43	Figure 12, Figure 13, Figure 14, Figure 15	Normally, a textual description of the states and transitions accompanies a state diagram. See SAM-2 and FC-SW-2 for examples. Such text needs to be added to SSC-2 for the state diagrams in Figure 11, Figure 12, Figure 13, Figure 14, and Figure 15.			
ENDL 81	E	pdf 43	Figure 12, Figure 13, Figure 14, Figure 15 [must fix]	I can find no explanation for the asterisk in "* process enabled command" at the top of each of these figures. Either add a text explanation for the asterisk or remove it.			
ENDL 82	E	pdf 43	Figure 12, Figure 13, Figure 14, Figure 15 [must fix]	I can find no explanation for the phrase in "* send error" that appears one or more times in each of these figures. Either add a text explanation for the phrase in "* send error" or replace it with wording that needs no explanation.			
ENDL 83	E	pdf 43	Figure 12, Figure 13, Figure 14, Figure 15	Numerous occurrences of BAML, BAM, FCS, and LCS in these Figures need to be small caps.			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
ENDL 84	E	pdf 43	Figure 12, Figure 13, Figure 14, Figure 15	There is a high degree of dependency on the S0:S1 notation to indicate the destination of the state transitions that exit a Figure. Some effort should be made to give better visual cues for this information, such as grouping the transitions to a given state together and/or identifying the destination of each transition at the end of the arrowhead.			
ENDL 85	E	pdf 43	Figure 12, Figure 13, Figure 14, Figure 15 [must fix]	MODE SELECT appears several times in these Figures as a condition that initiates a transition. Is that any MODE SELECT command (e.g., a MODE SELECT that changes the TAS bit in the Control mode page)? If not, then more specificity is needed, perhaps in the text to be added describing the transitions.			
ENDL 86	T	pdf 46	TapeAlert (Global)	I had a great deal of trouble with TapeAlert flags being set and clear. The use of set equating to one and clear equating to zero is aggressively discouraged in SCSI standards and there are numerous comments requesting that "set" be changed to "set to one" and "clear" be changed to "set to zero" for TapeAlert. Only when I got to the TapeAlert log page did the possibility dawn that "set" and "clear" might be getting used in some other way. After considering that possibility, I offer this compromise. Throughout the TapeAlert discussion, specify flags to be active (equivalent to set) and inactive (equivalent to clear). I am not going to rewrite the comment because they are over due already. However, I will accept the suggested TapeAlert global change as proper resolution for all such set/clear comments.		Accepted.	
ENDL 87	E	pdf 46	4.2.14 heading [must fix]	To eliminate several hanging paragraphs and to prepare for ISO standardization of SSC-2, add "4.2.14.1 Introduction to TapeAlert application client interface" immediately following 4.2.14.			
ENDL 88	E	pdf 46	4.2.14, p1 [must fix]	The first paragraph of 4.2.14 contains a very large number of requirements placed on the initiator. This is counter to the SCSI tradition of placing requirements on initiators only when absolutely necessary. For example, "TapeAlert information shall be accessed using LOG SENSE page 2Eh (see Table 52)." could be equally well stated as "TapeAlert information is accessed using LOG SENSE page 2Eh (see Table 52)."			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
ENDL 89	E	pdf 46	4.2.14, p2, s1 [must fix]	"At minimum, the TapeAlert log page shall be read from the tape drive/autoloader device for the following:" s/b "The TapeAlert log page may be read at any time and should be read from the tape drive/autoloader device for the following:"			
ENDL 90	E	pdf 46	4.2.14, a,b,c list	A) B) C) D) s/b a) b) c) d) as in 4.1. Also either capitalize the first word of every list entry or capitalize none of them.			
ENDL 91	E	pdf 46	4.2.14, a,b,c list	I suspect that the term "job" is not used in its ordinary English meaning. A glossary entry should be added for "job" or all instances of "job" should be replaced with non-jargon wording.			
ENDL 92	E	pdf 46	4.2.14, a,b,c list, list entry c)	"ejected" s/b "de-mounted".			
ENDL 93	E	pdf 46	4.2.14, a,b,c list, list entry c) [must fix]	"shall" s/b "should". Will the system fail to interoperate or the tape drive self destruct if this pseudo requirement is not met? Note: if the log page data is cleared when the tape is de-mounted, then say that instead of trying to place requirements on the initiator.			
ENDL 94	E	pdf 47	4.2.14, 2nd p on pdf pg 47 [must fix]	"shall" s/b "should". Will the system fail to interoperate or the tape drive self destruct if this pseudo requirement is not met?			
ENDL 95	E	pdf 47	4.2.14, 2nd p on pdf pg 47, s 4	"For each flag set," s/b "For each flag set to one,".			
ENDL 96	E	pdf 47	4.2.14, 2nd p on pdf pg 47, s 4, s 5, s 6, & s7 [must fix]	4 instances of "shall" that s/b "should". The "shall" requirements on the application clients in these sentences are totally bogus for a SCSI standard. Some might argue that these sentences ought to be deleted completely. I will only go as far as saying that they "shall"s have to be downgraded to "should"s.			
ENDL 97	E	pdf 47	4.2.14, 2nd p on pdf pg 47, last s [must fix]	Regarding, "The information read in the TapeAlert flags shall not in itself cause the application client to stop a current backup or restore operation." This is an example of a "shall" that is legitimately applied to an application client. However, the wording allows undesirable behavior, specifically a device doing a backup cannot be affected by TapeAlert flags but a device doing logging or any other function tapes might be used for can. s/b "The information read in the TapeAlert flags shall not in itself cause the application client to stop data transfer operations (e.g., a backup or restore operation)."			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
ENDL 98	E	pdf 47	4.2.14.1, p 1, s3 & Table 5 [must fix]	It is the general policy of T10 not to specify default values for mode page fields. Fortunately, with one exception, Table 5 is an overview of TapeAlert control mode page fields not a specification of default field contents. Thus the following changes are recommended. "The recommended TapeAlert default mode page implementation is described in table 5." s/b "Important TapeAlert mode page fields are described in table 5." The table 5 title s/b "TapeAlert informational exceptions control page fields".		Accepted. Needs work.	
ENDL 99	E	pdf 47	4.2.14.1, Table 5, row 1 [must fix]	"By default, this means..." s/b "This means..."			
ENDL 100	E	pdf 47	4.2.14.1, Table 5, row 3	"to set/clear" s/b "to set to one."			
ENDL 101	E	pdf 47	4.2.14.2, p 1, s 2	"...any one flag to be set and cleared..." s/b "...any specific flag to be set to zero or one..."			
ENDL 102	E	pdf 47	4.2.14.2, p 2, s 2	"device" s/b "device server"			
ENDL 103	E	pdf 47	4.2.14.2, p 3, s 1	"Each flag shall be cleared..." s/b "All flags shall be set to zero..."			
ENDL 104	E	pdf 47	4.2.14.2, a,b,c list	A) B) C) D) s/b a) b) c) d) as in 4.1. Also either capitalize the first word of every list entry or capitalize none of them.			
ENDL 105	E	pdf 47	4.2.14.2, a,b,c list, list entry b)	"cleared" s/b "set to zero"			
ENDL 106	E	pdf 47	4.2.14.2, a,b,c list, list entry b)	"...set flags are still visible to..." s/b "...flags set to one are available for..."			
ENDL 107	E	pdf 47	4.2.14.2, a,b,c list, list entry c)	"(such as using a cleaning cartridge)" s/b "(e.g., using a cleaning cartridge)"			
ENDL 108	E	pdf 47	4.2.14.2, a,b,c list, list entry e)	"On LOG SELECT reset." s/b "When the PCR field in the LOG SELECT command descriptor block is one (see SPC-3)." N.B. PCR should be in small caps.			
ENDL 109	E	pdf 48	Note 5	Two (2) instances of "cleared" s/b "set to zero".			
ENDL 110	E	pdf 48	Note 5	Two (2) instances of "cannot be set again" s/b "should not be set to one again".	N.B. If the desire is to change the "should" above to a "shall" then Note 5 cannot be a note.	Accepted. See ENDL-98	
ENDL 111	E	pdf 48	Note 5, last s	"All other methods of clearing allow the flag to be set again." s/b "All other methods of setting a flag to zero allow the flag to be set to one again.".			
ENDL 112	E	pdf 48	Table 6	Table 6 and the paragraph that precedes it belong in subclause 4.2.14.3, not in subclause 4.2.14.2.			
ENDL 113	E	pdf 48	Table 6	Why are two column headings singular and one plural. "Explanations" s/b "Explanation".			
ENDL 114	E	pdf 48	4.2.14.3, a list	Since there is only one entry in the a) list, the list format should not be used.			
ENDL 115	E	pdf 48	Table 7	In numerous places in Table 7, "set" s/b "set to one" and "cleared" s/b "set to zero".			
ENDL 116	E	pdf 48	Table 7	In several places in Table 7, "ejected" s/b "de-mounted".			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
ENDL 117	E	pdf 48	Table 7	Table 7 is continued on to a second page with no indication that this is happening. If SSC-2 is in FrameMaker, I can show you how to provide suitable indication for tables that span multiple pages.			
ENDL 118	E	pdf 49	4.2.14.3, 1st p after table 7, s 1	"...the remaining error flags..." s/b "the TapeAlert flags not listed in table 7..."			
ENDL 119	E	pdf 49	4.2.14.3, 1st p after table 7, s 1	"unset" s/b "zero".			
ENDL 120	E	pdf 49	4.2.14.3, 2nd p after table 7, s 1	"...are grouped into the following sections:" s/b "...are grouped as shown in table 8."			
ENDL 121	E	pdf 49	4.2.15, global in subclause [must fix]	Throughout this subclause attribute names are in small caps. Only field names should be in small caps, attribute names should be in full caps.			
ENDL 122	E	pdf 49	4.2.15, 2nd p after table 9	Two (2) instances of "ASSIGNING ORGANIZATION field" s/b "ASSIGNING ORGANIZATION attribute" with no small caps.			
ENDL 123	E	pdf 49	4.2.15, 1st p after table 9, s 2	Since there is no vendor identification list in Annex A, "...contain a value listed in the vendor identification list (see Annex A)." s/b "...contain a vendor identification." Note that the contents of note 7 elaborates correctly on the way the field is derived.			
ENDL 124	E	pdf 50	Note 7	"...this field..." s/b "the ASSIGNING ORGANIZATION attribute..."			
ENDL 125	E	pdf 50	Note 7	"...vendor identification codes in use." s/b "...vendor identification codes for use in the Standard INQUIRY data (see SPC-3)." This will provide readers with a functional reference to lookup the list in SPC-3. Also delete "(see SPC-3 Annex D)" from the end of the note since the reference to SPC-3 has been added above and because the vendor ids are not in Annex D in SPC-3.		Accepted.	
ENDL 126	E	pdf 50	4.2.15, 1st p after note 7, s 1	"(see SPC-3 clause 8.3.4.1)" s/b "(see SPC-3)" since it is unlikely that the clause number will be the same when SPC-3 is published.		Accepted.	
ENDL 127	E	pdf 50	4.2.15, 1st p and 2nd p after table 10	"00h" s/b "0h" or "0000 0000h" because the MEDIUM LENGTH and MEDIUM WIDTH attributes have a size of 4 bytes.			
ENDL 128	E	pdf 50	4.2.15, 3rd p after table 10, s 2	"ASSIGNING ORGANIZATION field" s/b "ASSIGNING ORGANIZATION attribute" with no small caps.			
ENDL 129	E	pdf 50	4.2.15, 3rd p after table 10, s 2	Since there is no vendor identification list in Annex A, "...contain a value listed in the vendor identification list (see Annex A)." s/b "...contain a vendor identification." Note that the contents of note 8 elaborates correctly on the way the field is derived.			
ENDL 130	E	pdf 50	Note 8	"...this field..." s/b "the ASSIGNING ORGANIZATION attribute..."			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
ENDL 131	E	pdf 50	Note 8	"...vendor identification codes in use." s/b "...vendor identification codes for use in the Standard INQUIRY data (see SPC-3)." This will provide readers with a functional reference to lookup the list in SPC-3. Also delete "(see SPC-3 Annex D)" from the end of the note since the reference to SPC-3 had been added above and because the vendor ids are not in Annex D in SPC-3.		Accepted.	
ENDL 132	E	pdf 51	Note 9, s 1	"applications" s/b "application's"			
ENDL 133	E	pdf 51	Table 11	Table 11 is continued on to a second page with no indication that this is happening. If SSC-2 is in FrameMaker, I can show you how to provide suitable indication for tables that span multiple pages.			
ENDL 134	E	pdf 53		Regarding "Commands specified as mandatory in table 12 shall be implemented only if the explicit address command set is supported." The word "only" must be removed from this sentence unless SSC-2 intends to require that commands such as INQUIRY not be implemented by the implicit address command set.		Accepted.	
ENDL 135	E	pdf 53	5.1, Key	Normally the key is placed in the table as a footer row so that it appears on every table page.			
ENDL 136	E	pdf 53	Table 12, Column 6 Heading [must fix]	Since not all entries in the column are subclause references, the heading "Subclause" s/b "Reference".			
ENDL 137	E	pdf 53	Table 12	Table 12 is continued on to a second page with no indication that this is happening. If SSC-2 is in FrameMaker, I can show you how to provide suitable indication for tables that span multiple pages. Also, when tables are continued on multiple pages, the table footnotes should appear on each page. This can be accomplished by placing them in a table footer row (in FrameMaker).			
ENDL 138	E	pdf 54	Table 12, table footnote a	"subclause" should be removed because the 4.2.5 is accepted as an indication that a subclause is being referenced.			
ENDL 139	E	pdf 54	Table 12, table footnotes c and d	"PREVENT=0." s/b "the PREVENT bit is zero." "CURDATA=1" s/b "the CURDATA bit is one." Note the addition of a period at the end of table footnote d.			
ENDL 140	E	pdf 55	5.2.1 thorough 7.11.1 -- ALL x.y.1 Headers [must fix]	Since there is no x.y.2, ALL the x.y.1 subclause headers should be removed. There are 24 such headers that should be removed. (Don't say I never cut you any breaks on the number of comments.)		Accepted.	
ENDL 141	E	pdf 55	5.2.1, p 1, s 1	"command." s/b "command descriptor block."			
ENDL 142	E	pdf 55	5.2.1, 1st p after note 10, s 1	Regarding "A LONG bit of zero specifies an erase gap defined by the gap size field in the device configuration page (see 8.3.2)." What about the erase gap? What is supposed to happen to it once it is specified?	My best guess is that the sentence should read "A LONG bit of zero specifies an erase gap defined by the gap size field in the device configuration page (see 8.3.2) shall be written to the medium."		

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
ENDL 143	E	pdf 56	5.2.1, 1st p on pdf pg 56, last s	"initiator" s/b "application client".			
ENDL 144	E	pdf 56	5.2.1, 5th p on pdf pg 56, s 2	"locate to" s/b "perform a locate operation to"			
ENDL 145	E	pdf 56	5.3.1, p 1, s 1	"command." s/b "command descriptor block."			
ENDL 146	E	pdf 57	5.3.1, a,b list	A) B) s/b a) b) as in 4.1. Also either capitalize the first word of every list entry or capitalize none of them.			
ENDL 147	E	pdf 57	5.3.1, note 11, s 1	"SILI bit is set" s/b "SILI bit is set to one".			
ENDL 148	E	pdf 58	5.3.1, 2nd p after note 12, s 2	"locate to" s/b "perform a locate operation to"			
ENDL 149	E	pdf 59	Note 13	"system applications" s/b "applications".			
ENDL 150	E	pdf 60	5.4.1, p 1, s 1	"command." s/b "command descriptor block."			
ENDL 151	E	pdf 60	5.4.1, 3rd p after table 15, s 1 [must fix]	"(see table 22)" s/b "(see 5.3)".			
ENDL 152	E	pdf 60	5.4.1, 4th p after table 15, s 2	"locate to" s/b "perform a locate operation to"			
ENDL 153	E	pdf 61	5.5.1, p 1, s 1	"command." s/b "command descriptor block."			
ENDL 154	E	pdf 62	5.5.1, 1 p on pdf pg 62	"...validated (but after all verification data has been transferred from the initiator to the device server, if the BYTCMP bit is one)." s/b "...validated; but after all verification data has been transferred from the initiator to the device server, if the BYTCMP bit is one."			
ENDL 155	E	pdf 62		"locate to" s/b "perform a locate operation to"			
ENDL 156	E	pdf 62	5.5.1, 4th p & 5th p after table 15, s 2 [must fix]	"(see table 22)" s/b "(see 5.3)". One occurrence in each paragraph.			
ENDL 157	E	pdf 62	5.5.1, 5th p after note 15, last s	"...after the last block verified." s/b "...after the last block verified (end-of-partition side)."			
ENDL 158	E	pdf 63	5.6.1, p 1, s 1	"command." s/b "command descriptor block."			
ENDL 159	E	pdf 63	5.6.1, Table 17, byte 1	"Rsvd" should not be in small caps.			
ENDL 160	E	pdf 63	5.6.1, 5th p after table 17, s 2	"locate to" s/b "perform a locate operation to"			
ENDL 161	E	pdf 64	5.6.1, 2nd p after note 16, s 1	"The INFORMATION field shall be defined ..." s/b "The INFORMATION field shall be set ..."			
ENDL 162	E	pdf 64	5.6.1, both a,b lists	A) B) C) D) s/b a) b) c) d) as in 4.1. Also either capitalize the first word of every list entry or capitalize none of them. This applies to both lists in 5.6.1.			
ENDL 163	E	pdf 64	5.6.1, 1st a,b,c list, list entry c	There is a left parenthesis without a matching right parenthesis.			
ENDL 164	E	pdf 64	5.6.1, last p before 2nd a,b list, last s	"...the sense data shall be defined..." s/b "...the sense data shall be set...".			
ENDL 165	E	pdf 64	5.6.1, note 17, s 1	"In some systems..." s/b "For some application clients..."			
ENDL 166	E	pdf 64	Note 17, s1 & last s	"execution" s/b "processing", two occurrences.			
ENDL 167	E	pdf 65	5.6.1, note 17, 1st full s on pdf pg 65	"By its definition" should be removed.			
ENDL 168	E	pdf 65	Note 17, last s	In keeping with the usage in the first sentence in this note, "write" s/b "WRITE".			
ENDL 169	E	pdf 65	5.6.1, note 18, s 2	"While vendor-specific, a period of time may exist..." s/b "A vendor-specific period of time may exist..."			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
ENDL 170	E	pdf 65	5.6.1, note 18, s 3	"end of partition" s/b "end-of-partition".			
ENDL 171	E	pdf 65	5.7.1, p 1, s 1	"command." s/b "command descriptor block."			
ENDL 172	E	pdf 66	5.7.1, 4th p after note 19, s 2	"locate to" s/b "perform a locate operation to"			
ENDL 173	E	pdf 66	5.7.1, 6th p after note 19, s 1	"The INFORMATION field shall be defined ..." s/b "The INFORMATION field shall be set ..."			
ENDL 174	E	pdf 66	5.7.1, a,b,c,d list	A) B) C) D) s/b a) b) c) d) as in 4.1. Also either capitalize the first word of every list entry or capitalize none of them.			
ENDL 175	E	pdf 66	5.7.1, a,b,c list, list entry c	There is a left parenthesis without a matching right parenthesis.			
ENDL 176	E	pdf 66	5.7.1, a,b,c,d list	I notice that the a,b,c list for the WRITE FILEMARKS(16) command does not match the a,b,c list for the WRITE FILEMARKS(6) command. This may be intentional, and then again...			
ENDL 177	E	pdf 68	6.1, p 1, s 3	Regarding "Commands specified as mandatory in table 19 shall be implemented only if the implicit address command set is supported." The word "only" must be removed from this sentence unless SSC-2 intends to require that commands such as INQUIRY not be implemented by the explicit address command set.			
ENDL 178	E	pdf 68	6.1, Key	Normally the key is placed in the table as a footer row so that it appears on every table page.			
ENDL 179	E	pdf 68	Table 19, Column 5 Heading [must fix]	Since not all entries in the column are subclause references, the heading "Subclause" s/b "Reference".			
ENDL 180	E	pdf 68	Table 19	Table 19 is continued on to a second page with no indication that this is happening. If SSC-2 is in FrameMaker, I can show you how to provide suitable indication for tables that span multiple pages. Also, when tables are continued on multiple pages, the table footnotes should appear on each page. This can be accomplished by placing them in a table footer row (in FrameMaker).			
ENDL 181	E	pdf 69	Table 19, table footnote a	"subclause" should be removed because the 4.2.5 is accepted as an indication that a subclause is being referenced.			
ENDL 182	E	pdf 70	6.1.1, 1st p after note 21, s 4	"initiator" s/b "application client".			
ENDL 183	E	pdf 72	6.4.1, a,b list	A) B) s/b a) b) as in 4.1. Also either capitalize the first word of every list entry or capitalize none of them.			
ENDL 184	E	pdf 73	Note 24	"system applications" s/b "applications".			
ENDL 185	E	pdf 74	6.5.1, 3rd p after table 23, s 1 [must fix]	"(see table 22)" s/b "(see 6.4)".			
ENDL 186	E	pdf 75	6.6.1, p 1, s 6	There is an instance of "count field" where "count" is not in small caps.			
ENDL 187	E	pdf 75	6.6.1, 1st p after table 25, 2 places	There are two instances of "...and the CODE field is not 0011b..." that s/b "...when the CODE field is not 0011b...			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
ENDL 188	E	pdf 76	6.6.1, 1st p on pdf pg 76, 1st line on pg	"...and the CODE field is not 0011b..." s/b "...when the CODE field is not 0011b...			
ENDL 189	E	pdf 76	6.6.1, 1st p on pdf pg 76, s 2	"...the End-of-data position." s/b "...the end-of-data position." Note: I am not requesting that "End-of-data" be changed to "end-of-data" globally because several uses of "End-of-data" match the capitalization in table 25. The instance cited above is a case where "end-of-data" is not a reference to the code name defined in table 25 and therefore should not adopt the table 25 capitalization.			
ENDL 190	E	pdf 76	Note 25	"system applications" s/b "applications".			
ENDL 191	E	pdf 77	6.6.1, a,b,c list	A) B) C) s/b a) b) c) as in 4.1. Also either capitalize the first word of every list entry or capitalize none of them.			
ENDL 192	E	pdf 78	6.7.1, 1st p after table 26, last s	"...validated (but after all verification data has been transferred from the initiator to the device server, if the BYTCMP bit is one)." s/b "...validated; but after all verification data has been transferred from the initiator to the device server, if the BYTCMP bit is one."			
ENDL 193	E	pdf 78	6.7.1, 3rd p & 4th p after note 26, s 1 & s 2 [must fix]	"(see table 22)" s/b "(see 6.4)".			
ENDL 194	E	pdf 80	5.6.1, 2nd p on pdf pg 80, s 1	"The INFORMATION field shall be defined ..." s/b "The INFORMATION field shall be set ..."			
ENDL 195	E	pdf 80	6.8.1, both a,b lists	A) B) C) D) s/b a) b) c) d) as in 4.1. Also either capitalize the first word of every list entry or capitalize none of them. This applies to both lists in 6.8.1.			
ENDL 196	E	pdf 80	6.8.1, 1st a,b,c list, list entry c	There is a left parenthesis without a matching right parenthesis.			
ENDL 197	E	pdf 80	6.8.1, last p before 2nd a,b list, last s	"...the sense data shall be defined..." s/b "...the sense data shall be set...".			
ENDL 198	E	pdf 80	6.8.1, note 28, s 1	"In some systems..." s/b "For some application clients..."			
ENDL 199	E	pdf 80	Note 28, s1 & last s	"execution" s/b "processing", two occurrence.			
ENDL 200	E	pdf 80	6.8.1, note 28, s 2	"By its definition" should be removed.			
ENDL 201	E	pdf 80	Note 28, last s	In keeping with the usage in the first sentence in this note, "write" s/b "WRITE".			
ENDL 202	E	pdf 80	6.8.1, note 29, s 2	"While vendor-specific, a period of time may exist..." s/b "A vendor-specific period of time may exist..."			
ENDL 203	E	pdf 80	6.8.1, note 29, s 3	"end of partition" s/b "end-of-partition".			
ENDL 204	E	pdf 81	6.9.1, 2nd p after note 30, s 1	"The INFORMATION field shall be defined ..." s/b "The INFORMATION field shall be set ..."			
ENDL 205	E	pdf 81	6.9.1, a,b,c list	A) B) C) s/b a) b) c) as in 4.1. Also either capitalize the first word of every list entry or capitalize none of them.			
ENDL 206	E	pdf 83	7.1 entire subclause	I believe this subclause contains no useful information and should be removed completely.			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
ENDL 207	E	pdf 83	7.2.1, a,b list	A) B) s/b a) b) as in 4.1. Also either capitalize the first word of every list entry or capitalize none of them.			
ENDL 208	E	pdf 83	7.2.1, a,b list, list entry b)	"(as described in SPC-3)" s/b either "(see SPC-3)" or "as described in SPC-3".			
ENDL 209	E	pdf 85	7.3.1, 2nd p & 3rd p after note 32, s 3 & s 2	"GOOD STATUS" s/b "GOOD status". One instance in each paragraph.			
ENDL 210	E	pdf 86	7.4.1, p 1, s 1	"...the specified logical element as specified by the DEST_TYPE and LOGICAL BLOCK ADDRESS fields." s/b "...the logical element specified by the DEST_TYPE and LOGICAL BLOCK ADDRESS fields."			
ENDL 211	E	pdf 87	Table 33, 3rd column	I read this column to say that the logical position upon completion shall be at the BOP or at EOP. "BOP" s/b "BOP side" and "EOP" s/b "EOP side'.			
ENDL 212	E	pdf 87	Table 33	With only four rows, table 33 is too small to be continued across a page boundary. Set the Orphan Rows control to 4.			
ENDL 213	E	pdf 90	Table 37, 2nd column	Code value names should be in ALL CAPS not in small caps, just like command names and additional sense code names.			
ENDL 214	E	pdf 90	Table 37, row 1	"...block identifier values (see 4.2.7), (relative to a partition)." s/b "...block identifier values (see 4.2.7), relative to a partition."			
ENDL 215	E	pdf 90	Table 37	It would be useful if table 37 included references to the tables that describe the various formats.			
ENDL 216	E	pdf 91	7.6.1, 5th p on pdf pg 91, s 1	Service action code 01h is vendor specific. How can its parameter data format be specified in this standard?			
ENDL 217	E	pdf 94	7.6.1, 4th p on pdf pg 94, s 1	"accurately assume" s/b "accurately determine".			
ENDL 218	E	pdf 94	7.6.1, note 34	The statement in note 34 does not belong in a note. Note 34 should be made part of the body text and agglomerated with the preceding paragraph.		Accepted.	
ENDL 219	E	pdf 96	7.7.1, 1st p after table 41, s1	"execution" s/b "processing".			
ENDL 220	E	pdf 96	7.7.1, 2nd p after table 41, s 1 [must fix]	"(see table 22)" s/b "(see 6.4)".			
ENDL 221	E	pdf 98	7.8.1, 1st p after table 43	For most fields like the AVAILABLE DENSITY SUPPORT LENGTH field, there is a statement like the following: "If the parameter data is truncated due to insufficient allocation length, the AVAILABLE DENSITY SUPPORT LENGTH field shall not be altered to reflect the truncation."			
ENDL 222	E	pdf 100	7.8.1, 2nd p on pdf pg 100, s 2	"07Fh" s/b "7Fh" because the field is 8 bits (not 12 bits) in size.			
ENDL 223	E	pdf 100	7.8.1, 4th p on pdf pg 100, s 2	Everywhere else in this standard the spelled out "command descriptor block" is used instead of "CDB". Therefore, two instances of "CDB" s/b "command descriptor block" in this sentence.			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
ENDL 224	E	pdf 101	7.8.1, 1st p on pdf pg 101, 3 places	This paragraph contains 3 instances of words being surrounded in quotation marks (e.g., "average"). Since there is no definition for this notation in the conventions subclause, the quotation marks should be removed.			
ENDL 225	E	pdf 101	Note 40, s1	"which" s/b "that".			
ENDL 226	E	pdf 103	7.10.1, 6th p on pdf pg 103, last s	"This rounding error..." s/b "This rounding..."			
ENDL 227	E	pdf 103	Note 42, s1	"which" s/b "that".			
ENDL 228	E	pdf 105	7.11.1, 3rd p after table 48, s 1	"locate to" s/b "perform a locate operation to"			
ENDL 229	E	pdf 105	7.11.1, 3rd p after table 48	"executing" s/b "processing".			
ENDL 230	E	pdf 106	Table 49, Column 3 Heading [must fix]	Since none of entries in the column are subclause references, the heading "Subclause" s/b "Reference".			
ENDL 231	E	pdf 106	8.2 heading [must fix]	In order to eliminate a hanging paragraph and prepare for ISO standardization, add "8.2.1 Log parameters overview" immediately following the 8.2 heading.		Accepted.	
ENDL 232	E	pdf 106	Table 50, Column 3 Heading [must fix]	Since not all entries in the column are subclause references, the heading "Subclause" s/b "Reference".			
ENDL 233	E	pdf 106	Table 50	Table 50 is continued on to a second page with no indication that this is happening. If SSC-2 is in FrameMaker, I can show you how to provide suitable indication for tables that span multiple pages.			
ENDL 234	E	pdf 108	8.3 heading [must fix]	In order to eliminate a hanging paragraph and prepare for ISO standardization, add "8.3.1 Mode parameters overview" immediately following the 8.3 heading.		Accepted.	
ENDL 235	E	pdf 108	8.3, p 3, s 1	Is a "Fibre Channel Reset LIP" described in FC-PH? Or, is a normative reference to FC-AL-2 required?			
ENDL 236	E	pdf 109	8.3, note 47	Since write protect is not hyphenated anywhere else in this standard, the hyphens should be removed from the five (5) instances of "write-protect(ed)" in this note.		Accepted.	
ENDL 237	E	pdf 109	8.3, table 54, row 3, a,b list	Either capitalize the first word in all list entries or capitalize none of them.		Accepted. No capitolization.	
ENDL 238	E	pdf 110	8.3, 1st p on pdf pg 110, s 4	"...shall be as described below:" s/b "...shall be determined as follows:".		Accepted.	
ENDL 239	E	pdf 110	8.3, a,b,c,d,e,f list	The first level letter should be lower case a) b) c) d) e) f) as in 4.1. The second level letters should be capitals A) B) ... Either capitalize the first word of every list entry or capitalize none of them. Note that the list entry letter case change will affect the text in some of the list entries (e.g., d)A)).		Accepted. No capitolization.	
ENDL 240	E	pdf 110	8.3, table 56	The notes should be converted to table footnotes following the format found in table 12.		Accepted.	
ENDL 241	E	pdf 111	Table 57, Column 3 Heading [must fix]	Since not all entries in the column are subclause references, the heading "Subclause" s/b "Reference".			
ENDL 242	E	pdf 112	8.3.1, 5th p after table 58, s 1	Unless the RED field can detect boundaries, "...it detects..." s/b "detected".			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
ENDL 243	E	pdf 113	Table 59	The three column headings with RED=x should have the use of the equals sign eliminated by restructuring as follows: | RED field value | +-----+-----+-----+ | zero| one | two |			
ENDL 244	E	pdf 113	3.8.1, table 59	The notes should be converted to table footnotes following the format found in table 12.			
ENDL 245	E	pdf 113	Table 59, note 2	"below" s/b "following this table in this subclause."			
ENDL 246	E	pdf 113	8.3.1, 3rd p after table 59, s 2	"RED = 0 column" s/b "column for RED field values of zero".			
ENDL 247	E	pdf 113	8.3.1, 4th p after table 59, s 3	"RED = 1 column" s/b "column for RED field values of one".			
ENDL 248	E	pdf 114	8.3.1, 1st p on pdf pg 114, s 2	"RED = 2 column" s/b "column for RED field values of two".			
ENDL 249	E	pdf 114	7.6.1, note 48	The statement in note 48 does not belong in a note. Note 48 should be made part of the body text.		Accepted. Need to rework (should to shalls).	
ENDL 250	E	pdf 114	8.3.1, 1st p after note 48, last s	The last sentence in this paragraph appears to be in a smaller type point size than the rest of the paragraph.			
ENDL 251	E	pdf 114	Table 60	Table 60 is continued on to a second page with no indication that this is happening. If SSC-2 is in FrameMaker, I can show you how to provide suitable indication for tables that span multiple pages.			
ENDL 252	E	pdf 116	8.3.2, note 49	Since the CAP bit does not appear in table 61, it is necessary to identify the byte and bit being discussed by number.			
ENDL 253	E	pdf 116	8.3.2, 3rd p after note 49	Following the example set by the DCC bit, the following sentence should be added to the description of the ACTIVE PARTITION field: "This shall be a non-changeable field."			
ENDL 254	E	pdf 117	8.3.2, note 50	Two (2) instances of "systems" s/b "application clients".			
ENDL 255	E	pdf 117	8.3.2, 1st p after note 51, s2	"(see 5.6, 5.7, 6.8, 6.9)." s/b "(see 5.6, 5.7, 6.8, and 6.9)."			
ENDL 256	E	pdf 117	8.3.2, 5th p after note 51, s 1&2	"The BUFFER SIZE AT EARLY WARNING field specifies the value, in bytes, that the logical unit shall reduce its logical buffer size to when writing. The logical unit should reduce the buffer size only when the logical unit is positioned between its early-warning and end-of-partition." s/b "The BUFFER SIZE AT EARLY WARNING field specifies the value, in bytes, that the logical unit shall reduce its logical buffer size to when writing in a position its early-warning and end-of-partition."			
ENDL 257	E	pdf 118	8.3.2, 1st p after note 52, s 4	The words "with the DCE bit set to one" appear to be in a smaller type point size than the rest of the text, except for DCE that appears to be in correct small caps.			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
ENDL 258	E	pdf 121	8.3.3 - 3rd p on pdf pg 121	Per 01-318r1, "A CLEAR bit of zero and an ADDP bit of zero specifies SCSI-2 compatibility." s/b "A CLEAR bit of zero and an ADDP bit of zero specifies compatibility with a previous standard."			
ENDL 259	E	pdf 126	Table 68	I believe the page length of 0Ah has the letter O in place of the numeral 0.			
ENDL 260	E	pdf 126	8.3.6, list entry a)	"automatically cleared" s/b "automatically set to zero"			
ENDL 261	E	pdf 127	Table 69, row 1	"Set the TapeAlert flag specified by the TEST FLAG NUMBER field in the log page." s/b "Set the TapeAlert flag specified by the TEST FLAG NUMBER field to one in the log page."			
ENDL 262	E	pdf 127	Table 69, row 1, s 2	"set" s/b "set to one".			
ENDL 263	E	pdf 127	Table 69, row 2	Regarding "-01h to -40h", are these negative numbers ones complement or twos complement? Are the values sign extended to 2 bytes or 4 bytes?		Accepted.	
ENDL 264	E	pdf 127	Table 69, row 2	"Clear the TapeAlert flag specified by the absolute value of the TEST FLAG NUMBER field in the log page." s/b "Set the TapeAlert flag specified by the absolute value of the TEST FLAG NUMBER field to zero in the log page."			
ENDL 265	E	pdf 127	Table 69, row 2, s 2	"Clearing the flag" s/b "Setting the flag to zero".			
ENDL 266	E	pdf 127	Table 69	7FFFh is an unusual code value to choose for a 4 byte field. 7FFFFFFFh would be more typical. Is this choice intentional?		Don't know. TapeAlert needs work.	
ENDL 267	E	pdf 127	Table 69, row 3	"Set all of the supported TapeAlert flags in the log page." s/b "Set all of the supported TapeAlert flags to one in the log page."			
ENDL 268	E	pdf 127	Table 69	Should values not listed in the table be marked as reserved?			
ENDL 269	E	pdf 133	Annex B (normative)	Since Annex B is normative it should appear before Annex A because Annex A is informative.			
ENDL 270	E	pdf 133	B.1, Key	Normally the key is placed in the table as a footer row so that it appears on every table page.			
ENDL 271	E	pdf 133	Table B.1, code 03h, col5	"which" s/b "that".			
ENDL 272	E	pdf 135	Table B.1, code 18h, col6	"which" s/b "that".			
ENDL 273	E	pdf 136	Table B.1, code 1Fh, col6	"which" s/b "that".			
ENDL 274	E	pdf 136	Table B.1, code 27h, col6	"which" s/b "that".			
ENDL 275	E	pdf 138	Table B.1, code 34, col2	Should "Tape system" be "Tape system area write failure"? See code 35h.			
ENDL 276	E	pdf 138	Table B.1, code 34, col6	"system log" s/b "system area"			
Exabyte 1	E	1		Doc says: "The objectives of the SCSI Stream Commands-2 (SSC-2) standard is to provide the following:"	Doc should say: "... standard are to..." Notes: Poor grammar - mixed plurality - "objectives" & "is"		

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
Exabyte 2	E	5		Doc says: "3.1.7 block address mode: The mode of operation in which the logical unit is currently supporting."	Doc should say: "3.1.7 block address mode: The mode of operation which the logical unit is currently supporting." Notes: Poor grammar		
Exabyte 3	T	5		Need definition of concept of "data block" in 3.1.x	Doc should say: data block: A logical element containing an intiator-defined unit of data. Notes: The term "block" is employed in an ambiguous manner in parts of the document. At times, it seems to imply a "data block" as defined in this comment, and at other times it seems to imply a "logical element", as per 3.1.34.	Pending: See CPQ #33	
Exabyte 4	T	6	`	Doc says: "3.1.34 logical element: A unit of data, either a block or a mark."	Doc should say: "3.1.34 logical element: A unit of data, either a data block or a mark." Notes: Take advantage of the definition of data block.	Pending: See CPQ #33	
Exabyte 5	T	7		Doc says: "3.1.37 mark: ..."	Doc should say: "3.1.37 mark ... Marks have a logical size of zero bytes." Notes: This fixes the size of marks, in order to disambiguate the calculation of the INFORMATION field for buffered data.	Accepted in principle. Specify that the bytes being counted are data bytes (in the INFORMATION field).	
Exabyte 6	E	24		Doc says: "3.1.62 write sequence: One or more WRITE(16), WRITE FILEMARKS(16), or ERASE(16) commands delineated by the FCS and LCS bits (see 5.6 and 5.7)."	Doc should say: "tagged write sequence: One or more WRITE(16), WRITE FILEMARKS(16), or ERASE(16) commands delineated by the FCS and LCS bits (see 5.2, 5.6 and 5.7)." NOTES: Problem 1: Reference to section number for ERASE(16) is missing. Problem 2: The only place where "write sequence" is used instead of "tagged write sequence" is section "4.2.7 Recorded object descriptors (block identifiers)". In that instance, it is referring to recorded information and not SCSI CDB's.		
Exabyte 6	E	9	3.4	Doc says : "...These words and terms are defined in either clause 3.3 or in the text..."	Doc should say: "...These words and terms are defined in either clause 3.1, 3.2 or 3.3, or in the text..."		
Exabyte 7	E	13	4.2.1 - 3rd paragraph on page	Doc says: "In serpentine recording, not all tracks are recorded at the same time. at the end-of-medium or..."	Doc should say: In serpentine recording, not all tracks are recorded at the same time. At the end-of-medium or..." Notes: Capitalization		

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
Exabyte 8	E	15	4.2.2	3rd paragraph is a repitition of the 2nd paragraph	Eliminate 3rd paragraph		
Exabyte 9	T	pdf 31		"For devices that support more than one partition, they shall be numbered starting with zero..."	"...numbered sequentially starting with zero..." Notes: This change is to avoid skipping partition numbers. (e.g. 0 1 2 5 6) Even a zero-length partition reported through MODE SENSE - ADDITIONAL PARTITIONS DEFINED field should follow partition semantics when you locate to the start of partition, then try to reposition within it. The command semantics must be preserved even if the partition has no physical representation on the media. section 4.2.3 Partitions within a volume (Par 2 in section)	Accepted.	
Exabyte 10	E	17	1st paragraph of section 4.2.4	Doc Says: "The area between BOP x and EOP x on a typical recorded volume contains at least two types of application client accessible elements, data blocks, filemarks, and setmarks."	Doc should say: "The area between BOP x and EOP x on a typical recorded volume may contain any of the following three two types of application client accessible logical elements: data blocks, filemarks, and setmarks." Notes: Employ definition of 'logical element' Repair grammar		
Exabyte 11	T	pdf 35	section 4.2.5 Data buffering (Par 8 in section)	Doc says: "The SEND DIAGNOSTICS command shall ensure transfer of buffered data before any diagnostic tests are initiated."	Doc should say: "before any diagnostic tests which may affect the bufferred data, media or logical position are initiated." Notes: If the specific test doesn't expose the information to risk, then there is no need to require a buffer flush. This should also discourage people from issue SEND DIAGNOSTICS just to flush the buffer.	Accepted.	
Exabyte 12	T	pdf 35	section 4.2.6 Tagged command queuing	Notes: I don't have any wording for this, but you may wish to indicate that tagged queuing might be necessary to fully support EXTENDED COPY and RECEIVE COPY RESULTS. (Specifically to query the progress of the copy without incurring a command overlap, since EXTENDED COPY does not have an immediate bit.) Tagged command queuing is not the functional equivalent of issuing write commands with data buffern=ing enabled, from the standpoint of error reporting.		Accepted. Refer to Cisco-15.	

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
Exabyte 13	E	19	1st paragraph of section 4.2.7	Doc says: "Some recording formats specify that recorded objects (blocks, filemarks, and setmarks) have identifiers..."	Doc should say: "Some recording formats specify that recorded logical elements (data blocks, filemarks, and setmarks) have identifiers..."		
Exabyte 14	E	19	2nd paragraph of section 4.2.7	Doc says: "...the block identifier value shall be a sequentially increasing number assigned to each logical block, filemark, and setmark recorded..."	Doc should say: "the block identifier value shall be a sequentially increasing number assigned to each data block, filemark, and setmark recorded"		
Exabyte 15	T	20	3rd paragraph	Doc says: "When a volume is first mounted, the logical position is always at the beginning of the default data partition (BOP 0)."	Doc should say: "When a volume is first mounted, the logical position may be positioned to the beginning of the default data partition (BOP 0), as per device implementation. Notes: Allowance for mid-tape load.	Rejected. Need further work to solve mid-load issue/problem.	
Exabyte 16	T	pdf 37	section 4.2.8.1 Error reporting	Doc says: "In the case of an unrecovered write error or a deferred write error, if buffered mode is selected and the FIXED bit is one, ... and the INFORMATION field shall be set to the total number of blocks, filemarks, and setmarks not written (the number of blocks not transferred from the initiator for this command plus the number of blocks, filemarks, and setmarks remaining in the logical unit's buffer). If buffered mode is selected and the FIXED bit is zero, the INFORMATION field shall be set to the total number of bytes, filemarks, and setmarks not written..."	Doc should say: Add "NOTE: When setting the value in the INFORMATION field, each unwritten filemark or setmark shall increase the value by exactly 1, regardless of the physical space they would occupy on the media or in the buffer." NOTES: SPC-3 Request Sense command states "the number of bytes in the buffer, including filemarks and setmarks, if the device is in variable mode", which is easily misinterpreted.	Accepted. Refer to Exabyte #5.	
Exabyte 17	T	pdf 41 and 101		Doc says: "a) If the BAML bit (see 8.3.2) is set to zero, the setting of the BAM bit (see 8.3.2) is not meaningful and the block address mode shall be determined based on the first block address mode unique command that is received after a successful load operation or a successful rewind to BOx operation;" -and- "A block address mode lock (BAML) bit of zero specifies the selection of the block address mode shall be determined based on the first command that is received after a successful load operation or a successful rewind to BOT operation."	Doc should say: "after a successful load operation or whenever the media is positioned at BOx and no unwritten data, setmarks or filemarks are in the buffer." NOTES: There is no definition of a "rewind operation". It is easy to interpret the current text as stating that only LOAD or REWIND are valid ways of position to BOx before changing address modes. The state diagrams only check to see if BOx is True, which implies that LOCATE, READ REVERSE, SPACE or any other command that positions to BOx would be acceptable. section 4.2.11 Block address mode selection section 8.3.2 Device configuration page	Accepted. Review the text against the state diagrams.	
Exabyte 18	E	pdf 41	section 4.2.12 Explicit address mode tagged write sequences	Doc says: Nothing.	Doc should say: Some explanation of what "tagged write sequences" are used for. Why do they exist?		

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
Exabyte 19a	T	pdf 41	section 4.2.12 Explicit address mode tagged write sequences	Doc says: "e) a WRITE(16) command with the TRANSFER LENGTH field set to zero or a WRITE FILEMARKS(16) command with the IMMED bit set to zero and the transfer length field set to zero shall be issued following an error condition to transistion from write capable state to neutral state."	NOTES: Neither the state diagrams in section "4.2.13 Block address mode state diagrams" nor the text for WRITE(16) and WRITE FILEMARKS(16) indicate that the device will transition to neutral state as a result of the stated field settings. The transition to neutral state is controlled only by the setting of LCS or the receipt of a command that is not legal in Explicit Address Mode Write Capable state. The transition to neutral state will occur regardless of the TRANSFER LENGTH or IMMED bit settings; although, these fields will affect flushing of buffers and transfer of additional data provided that the LOGICAL BLOCK ADDRESS field is correct for the logical position after the error occurred. I see no reason why ERASE(16) would not be a valid final command to force exit from write capable state. As an editorial sidenote, "transition" is misspelled.	Accepted. Add text stating the LCS bit must be set. Change the shall to may.	
Exabyte 19b	T	pdf 41,55,63,65	section 4.2.12 Explicit address mode tagged write sequences section 5.2 ERASE(16) command section 5.6 WRITE(16) command section 5.7 WRITE FILEMARKS(16) command	NOTES: The only error conditions for the use of tagged write sequences is the state diagrams for address mode switching. These errors should be included in the text. Potential errors include: * FCS set on cdb while a tagged write sequence already in progress. * LCS set on cdb when no tagged write sequence is in progress. * Any restrictions on the LOGICAL BLOCK ADDRESS between cdb's in a tagged write sequence.		Accepted.	

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
Exabyte 20a	T	25, 88		Doc says: p 25: "A common command containing a BAM bit (e.g., LOCATE(16)) shall be processed as either an explicit or implicit command based on the setting of the bit. "The SPACE(16) command shall be processed as either an explicit or implicit command based on the setting of the PARAMETER LENGTH field."	Doc should say: p 25: "A common command containing a BAM bit (e.g., LOCATE(16) or SPACE (16)) shall be processed as either an explicit or implicit command based on the setting of the bit." (eliminate following paragraph) p 88: Add BAM bit to byte 2, bit 0, use definition found within LOCATE(16). Notes: This is intended to allow commonality of parsing, by putting identical information in an identical spot in the CDB.	Rejected.	
Exabyte 21a	T	41	4.2.13	Doc says: nothing	Doc should say: At any instant, the device server shall be in one of the several block address mode states. Notes: Object having state (device server?) not specified.		
Exabyte 20b	T	pdf 43,44, 46	section 4.2.13 Block address mode state diagrams	Doc says: "A0:A0 MODE SELECT, BAML=0, BAM=1 * send error (INVALID FIELD IN PARAMETER LIST)" "E0:E0 MODE SELECT, BAML=0, BAM=1 *send error (INVALID FIELD IN PARAMETER LIST)" "F0:F0 MODE SELECT, BAML=0, BAM=1 *send error (INVALID FIELD IN PARAMETER LIST)"	Doc should say: "A0:A0 MODE SELECT, BAML=0, BAM=1" "E0:E0 MODE SELECT, BAML=0, BAM=1" "F0:F0 MODE SELECT, BAML=0, BAM=1" NOTES: Either the "send error" should be removed from the state diagrams or sections "4.2.11 Block address mode selection" and "8.3.2 Device configuration page" should be updated to make this an error condition. Currently, this is not covered in 8.3.2; whereas, 4.2.11 says: "a) If the BAML bit (see 8.3.2) is set to zero, the setting of the BAM bit (see 8.3.2) is not meaningful and the block address mode shall be determined based on the first block address mode unique command that is received after a successful load operation or a successful rewind to BOx operation;"		

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
Exabyte 21b	T	29	section 4.2.13 Block address mode state diagrams	Doc says: "Note: An explicit tagged write sequence command may be issued with FCS=1 and LCS=1. In this case transistion E1:E0 will be made following completion of the command."	Doc should say: This note should be removed and the case should be handled by the existing "E1:E0 Explicit tagged write sequence command enabled, FCS=1 *send error (INVALID FIELD IN CDB)" state transition. NOTES: Why is this special-case being allowed? If you start a new tagged write sequence before finishing the old sequence, then you're either confused or you've lost the CDB with LCS=1 for the prior sequence. Doesn't this expose what FCS and LCS are supposed to avoid?		
Exabyte 22	T	pdf 46	section 4.2.13 Block address mode state diagrams	Doc says: "F0:F0 BAML=0, Explicit tagged write sequence command enabled, FCS=0 *send error (INVALID FIELD IN CDB)"	Doc should say: "F0:F0 BOx=True BAML=0, Explicit tagged write sequence command enabled, FCS=0 *send error (ILLEGAL COMMAND WHILE IN IMPLICIT ADDRESS MODE)" NOTES: For clarity, this trasition should be moved up near the explicit tagged write command with FCS=1 and BOx=True transition. While in this state, an tagged write sequence is only distinguished by FCS=1 or LCS=1. If FCS=0 and LCS=0, then it falls into one of the other explicit address command categories (untagged write, generic or read). The general-case for all explicit address commands not at BOx is already handled. The special-cases for explicit read and generic commands (also explicit) at BOx are already handled. The special-case for explicit tagged write commands with FCS=1 is		
Exabyte 23	T	30		Doc Says: "At minimum, the TapeAlert log page shall be read from the tape drive/autoloader device for the following:"	Doc should say: I am unsure. The problem I have here is that we seem to be specifying madatory behavior of the application client with respect to interaction with the user. I thought we were not scoped with defining behavior at this layer.		

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
Exabyte 24	E	32		Doc says: "Tape drive/autoloader (streaming device using a single physical ID). If the device includes an integrated changer device on another LUN under the same physical device ID (e.g., an autoloader), then it shall still be treated as a single streaming device."	Note: There seems to be a conflict of definitions here. Per 3.1.14, the term 'device type' is defined as being an attribute of the device server. Af the tape drive portion of a tape drive/autoloader is on another logical unit from the autoloader portion, they are by definition two separate device servers. They are therefore unable to be a single device type.		
Exabyte 25	T	33	table 7 - implementation guidelines for Flag # 14h	Doc says: "Set for any unrecoverable write/positioning error where the diagnosis is uncertain and could either be faulty media or faulty drive hardware, and is internally cleared when the media is ejected."	Doc should say: "Set for any unrecoverable write/positioning error where the diagnosis is uncertain and could either be faulty media or faulty drive hardware, and is likely to be eliminated when the device is cleaned." Note: Guidlenes mistakenly adopted the text of those for Write Failure.		
Exabyte 26	E	33	1st paragraph of 4.2.15	Doc says: "Support for the READ ATTRIBUTE and WRITE ATTRIBUTE commands (see SPC-3) is described the table 9 and table 10."	Doc Should Say: "...is described table 9 and..." Notes: Poor grammar		
Exabyte 27	E	35	2nd paragraph	doc says: "N/A" note applicable"	doc should say: remove this clause Notes: "N/A" does not appear anywhere in table 11. Even if it did, it is defined in section 3.2		
Exabyte 28	E	35	note 9	doc says: "Due to the nature of streaming device types, Write Exclusive and Write Exclusive, Registrants Only modes of reservation do not protect an applications continuity of operations..."	Doc should say: "protect an application's continuity of operations..." Note: Grammar - apstrophe		
Exabyte 29	E	37 52	section 5.1 - 1st paragraph section 6.1 - 1st paragraph	doc says: "The explicit address command set for sequential-access devices shall be as shown in table 12. The Flush column specifies whether the command requires buffered data, filemarks, and setmarks to be transferred to the medium. Commands specified as manadatory in table 12..."	doc should say: "...The Flush column specifies whether the command causes all buffered data, filemarks, and setmarks to be transferred to the medium before command-specific processing." note Specifies at which point the flush shall occur. Currently, all specified flushing commands perform flush at this point. We should make it madatory for any future flushing commands as well.		

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
Exabyte 30	E	39		doc says: "A LONG bit of one specifies all remaining medium in the current partition shall be erased beginning at the current logical position."	doc should say: "A LONG bit of one specifies all remaining medium in the current partition shall be erased beginning at the position defined by the current logical position following any positioning specified in the PARTITION and LOGICAL BLOCK ADDRESS fields." note: clarification as to which 'current logical position' is intended.		
Exabyte 31	E	46	last paragraph	doc says: "If the data does not compare (BYTCMP bit of one), the command shall terminate with CHECK CONDITION status, the sense data VALID bit shall be set to one the sense key shall be set to MISCOMPARE,..."	Doc should say: "...the sense data VALID bit shall be set to one, the sense key shall be set to..." note: grammar - comma		
Exabyte 32	T	39,54		Doc says: nothing	Doc should say: "If the command is successfully validated, the logical unit shall ensure that all buffered data, filemarks, and setmarks have been transferred to the medium" Note: flush behavior unspecified for the case where the command is successfully validated, but an attempted erase operation fails.		
Exabyte 33	E	57	1st paragraph after note 23	Doc says: "A TRANSFER LENGTH of zero specifies no data shall be transferred. This condition shall not be considered an error and the logical position shall not be changed."	doc should say: TRANSFER LENGTH of zero specifies no data shall be transferred,and the logical position shall not be changed. This condition shall not be considered an error. note: keep like clauses toghether. motch useage in rest of doc.		

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
Exabyte 34	T	60	next to last paragraph	doc says: "If the end-of-partition is encountered while spacing forward over blocks, filemarks, or setmarks, CHECK CONDITION status shall be returned, and the sense key shall be set to MEDIUM ERROR. The additional sense code shall be set to END-OF-PARTITION/MEDIUM DETECTED, and the sense data EOM and VALID bit shall be set to one. The INFORMATION field shall be set to the requested count minus the actual number of blocks, filemarks, or setmarks spaced over as defined by the CODE value."	doc should say: (append to what it does say) "... The resultant position will be at the end-of-partition." Note: resultant position unspecified		
Exabyte 35	T	61	1st partial paragraph	doc says: "...spaced over (the requested number of blocks, filemarks, or setmarks minus the actual number of blocks, filemarks, or setmarks spaced over). A successfully completed SPACE command shall not set EOM to one at beginning-of-partition."	doc should say: (append to what it does say) "... The resultant position will be at the beginning-of-partition." Note: resultant position unspecified		
Exabyte 36	T	61	setmark encountered	doc says: "If a setmark is encountered while spacing to sequential filemarks and the RSMK bit is set to one in the device configuration page (see 8.3.2), CHECK CONDITION status shall be returned, the FILEMARK bit shall be set to one and the VALID bit shall be set to zero in the sense data. The sense key shall be set to NO SENSE and the additional sense code shall be set to SETMARK DETECTED. The device server shall not return CHECK CONDITION status when a setmark is encountered if the RSMK bit is set to zero or if setmarks is not supported."	doc should say: (append to what it does say) "... The resultant position will be at the encountered setmark." Note: resultant position unspecified		
Exabyte 37	T	61	EOP encountered	doc says: "If end-of-partition is encountered while spacing to sequential filemarks or setmarks, CHECK CONDITION status shall be returned, and the sense key shall be set to MEDIUM ERROR. The additional sense code shall be set to END-OF-PARTITION/MEDIUM DETECTED, the EOM bit shall be set to one, and the VALID bit shall be set to zero in the sense data."	doc should say: (append to what it does say) "... The resultant position will be at the end-of-partition." Note: resultant position unspecified		
Exabyte 38	T	61	eop encountered (2)	doc says: "If end-of-partition is encountered while spacing to end-of-data, CHECK CONDITION status shall be returned, and the sense key shall be set to MEDIUM ERROR. The additional sense code shall be set to END-OF-PARTITION/MEDIUM DETECTED, the EOM bit shall be set to one, and the VALID bit shall be set to zero in the sense data."	doc should say: (append to what it does say) "... The resultant position will be at the end-of-partition." Note: resultant position unspecified		

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
Exabyte 39	T		Possibly sections 4.2.7, 5.3, 5.4 and 8.3.2.	Doc says: nothing	Doc should say: unknown Notes: Exlpicit Address Model broken - needs further definition If a tape containing Setmarks is read in Explicit Address mode with Setmark reporting disabled, it will not know when it crosses a Setmark. The setmarks must still be counted when setting the LOGICAL BLOCK ADDRESS for the next READ cdb. How does the application client know how many setmarks need to be accounted for, when the "Device configuration page - RSMK bit" is zero? If setting Rsmk==0 causes setmarks to not be counted for purposes of setting the LOGICAL BLOCK ADDRESS for READ cdb's, then how is the change in address mappings handled when RSMK is toggled between 1 and 0 while setmarks exist prior to the current position within the partition? Perhaps we may prohibit RSMK==0 in explicit address mode, but this requires updating the state tables in		

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
Exabyte 40	T	pdf 103	8.3.3 Medium partition page(1) and 8.3.4 Medium partition page(2-4).	Doc says: "The ADDITIONAL PARTITIONS DEFINED field specifies the number of additional partitions to be defined for a volume when the SDP or IDP bit is set to one. The maximum value allowed is the value returned in the MAXIMUM ADDITIONAL PARTITIONS field. The ADDITIONAL PARTITIONS DEFINED value returned by the MODE SENSE command shall report one less than the number of partitions on the media when the logical unit is ready. If the unit is not ready, the ADDITIONAL PARTITIONS DEFINED field is undefined."	NOTES: Whether MODE SENSE returns the partitions actually on the mounted volume or the partitions which will be written during the next format command appears ambiguous. The 1st sentence above does not restrict itself to MODE SELECT and states the field reports the partitions that will be written. The second sentence is specific to MODE SENSE and states that it reports the number of partitions currently on the actual volume. I don't see any obvious clarification in the text for the "Partition Size Descriptor" fields. The question is "I issue a MODE SELECT with a POFM bit of 1, then issue a MODE SENSE before issuing the FORMAT. Does the device return the information for partitions already on the volume or do I get what the MODE SELECT just told the device to create during the next FORMAT?" Another question could arise		
Exabyte 41	T	pdf 117		Doc says: "A block address mode lock (BAML) bit of zero specifies the selection of the block address mode shall be determined based on the first command that is received after a successful load operation or a successful rewind to BOT operation."	Doc should say: "a successful rewind to BOx operation." NOTES: "BOT" is not a defined term in SSC-2. Normally "BOT" means "beginning of tape"; however, the state machines in section "4.2.11 Block address mode selection" specifically permit changing address mode at "BOx". "BOx" is defined in the SSC-2 glossary as either BOP or BOM. section 8.3.2 Device configuration page		
IBM 1	E	7	3.1.43	"principal density code" => "primary density code"			
IBM 2	T	12	paragraph 4 (4.2.1)	SEND DIAGNOSTICS cmd needs added as a cmd that can have check condition returned. COPY and COPY AND VERIFY command are not listed in this standard. (See refer above)			
IBM 3	E	18	paragraph 4 line 2 (4.2.4)	"... blocks only specfies the method..." => specifies			
IBM 4	E	21	Table 1 Raw 4	"Attempt to execute an erase, format, partition, set capacity,..."=> format partition (Delete comma)?			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM 5	E	22	4.2.9	several "write protects" => write protections ?			
IBM 6	E	24	paragraph 4 (under Table 4)	"OPERATION IN PROGRESS, NOT READY, FORMAT IN PROGRESS..." => Delete? I think there is not "NOT READY" in additional sense information.			
IBM 7	E	25	para 6 (4.2.12)	"e)....error condition to transistion from write capable state to neutral state." => transition ?			
IBM 8	E	35	para 2	"N/A: Not applicable." => This doesn't appear in Table 11 so that isn't needed.			
IBM 9	E	90 95	Table 50 Table 57	The order of table contents is different between Table 50(by Page Code) and Table 57(the initial charactor of Description). They need to be consistent. We suggest order both by Page Code(like Table 50) because it's easier to read.			
IBM 10	E	96 99 109 110	Table 58 Table 61 Table 67 Table 68: Byte 1	"PAGE LENGTH (Oxh)" => "O" is wrong. "0" is correct.			
IBM 11	E	99	Table 61	The width of fields that SOCF and RBO is wrong. SOCF field should be 2 bit and RBO should be 1 bit.			
IBM 12	E		4.2.2	Sentences are duplicated above and below Figure 7.			
IBM 13	E	17	4.2.3 Figure 10	"EOP0/BOP0" should be "EOP0/BOP1". "EOP1" is missing.			
IBM 14	E		5.6.1, 5.7.1, 6.8.1 & 6.9.1	"some additional data may be written to the medium (e.g., labels, filemarks, or setmarks)". Add a definition for "label" in the definitions section.			
IBM 15	E	70	7.4.1	final paragraph is split oddly between pages 70 and 71.			
IBM 16	E	35	note 9, line 2	"application's" (needs apostrophe)			
IBM 17	T	38 53	table 12 table 13	Reserve(10) is mandatory, but FC-Tape requires that devices NOT support 3rd party reservations. How is this resolved? Do we implement but not support 3rd party? Will FC-Tape allow 3rd party reservations? FC-Tape probably needs to specify that Fibre Channel tape devices must violate the SPC3 specification on this point.			
IBM 18	T	38	table 12	footnotes c & d, what is done if the bit is not as specified? these commands are not documented in SSC2 (they are in SPC-3 and SMC), so it seems that the action should be specified here, since this is an error condition for SSC-2 explicit mode. This should probably be a Check Condition with ASC of invalid field in CDB.			
IBM 19	T	87		p 87, para "The CAPACITY PROPORTION VALUE..." states that rounding error shall not be reported. A Check Condition like for when a mode page parameter is rounded should be returned.			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM 20	E	122	table B-1	p122, table B-1, tape alert has 64 flags, but table only shows 0x01-0x37 which is only 55 flags. The other flags should be specified as reserved or vendor specific.			
IBM 21	E		4.2.11 final paragraph	add at end of sentence "... or ILLEGAL COMMAND WHILE IN WRITE CAPABLE STATE if in write capable state."			
IBM 22	E		4.2.12 subparagraph e)	add "with the LBA field set to LBA of current location on tape" after "...set to zero" and before "shall be issued..."			
IBM 23	E		4.2.14	Change "shall" to "should". This change should be made throughout the document when referring to TapeAlert. TapeAlert gives added information that may be useful to the application client but that is not required to function properly. It should not be required for the application client to request this info.			
IBM 24	T		5.6.1 para 6	section 5.6.1 paragraph 6 describing the LOGICAL BLOCK ADDRESS and PARTITION fields. This paragraph should explicitely state that if TRANSFER LENGTH field is zero, no locate shall be performed regardless of LBA field value.			
IBM 25	E		<Block Address mode>	There is no definition of four modes. Each mode should have a definition.			
IBM 26	T			What happens if issued Mode Select BAML=0, BAM=0 needs to be defined.			
IBM 27	T			It seems that the case of MODE SELECT BAML=0, BAM=1is always invalid from the diagrams. But there is no description in 8.3.2. The definition of BAM bit on page 101 needs to indicate that BAM bit is only valid when BAML bit is 1.			
IBM 28	E	33	<READ/WRITE ATTRIBUTE>	There is no description about Read/Write Attribute commands on SPC-3(spc3r02.pdf). Furthermore, they are not listed in Table12 and 19. It seems that they are not supported by SSC-2.			
IBM 29	T		<(EXTENDED) COPY/RECEIVE COPY RESULTS command>	They aren't listed in Table 12 and 19. However, there is the description about EXTENDED COPY command on SPC-3(spc3r02.pdf). SPC-3 defines the stream device in EXTENDED COPY descriptor type codes(See "7.2.5 Descriptor type codes" on spc3p02.pdf). I feel EXTENDED COPY is one of important command for storage networking, especially, server-less backup. Why aren't they defined on SSC-2? And, why is COPY, COPY AND VERIFY command deleted from Table 12 and 19? I think their code should be clarified as obsolete if not needed.			
IBM 30	T	71	<LOCATE/SPACE>	LOCATE(16) Why does this have Implicit mode? I feel it isn't needed to support that mode. I looked at ssc2r00.pdf and sscr02.pdf. I think there is no compatibility between those LOCATE(16) and the one of ssc2r07.pdf. If Implicit mode is needed, I feel block identifier type(BT) field may be also needed for compatibility. In the first place, How is the LOGICAL BLOCK ADDRESS addressed? the length of tape or any fixed data length?			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
Quantum 1	E		Forward	NCITS and T10 members lists are missing.			
Quantum 2	E		2.2	Include SPC			
Quantum 3	E		2.3	Include SPC-2 and SPC-3			
Quantum 4	E		2.4	Include SPC-2 and SPC-3			
Quantum 5	E		2.5	Include SPC-2 and SPC-3			
Quantum 6	E		3.1.5	Remove the second sentence.			
Quantum 7	E		3.1.6	Move the second and third sentences to section 4.2.3.			
Quantum 8	E		3.1.7	This may be clearer by running the 2 sentences together, for instance: "...currently supporting, either the explicit...".			
Quantum 9	E		3.1.8	Remove the middle sentence.			
Quantum 10	E		3.1.17	Remove the last sentences.			
Quantum 11	E		3.1.24	Should we include all commands that have the FIXED bit in them (READ REVERSE, VERIFY, RECOVERED BUFFERED DATA)? The same comment applies to section 3.1.60.			
Quantum 12	T		3.1.33	Move the second sentence (a requirement) into section 4.2.3 or 4.2.7. I have a problem with the nomenclature here. A "logical block" is a user data block, but a "logical block address" is the address of a logical block, filemark, or setmark. Maybe we should use a different name for this such as "logical element address" or block identifier (which is defined in section 4.2.7).			
Quantum 13	E		3.1.35	Move the second sentence to section 4.2.3 or 4.2.7.			
Quantum 14	E		3.1.36	Move the second sentence to section 4.2.3 or 4.2.7.			
Quantum 15				Should we include other commands that can report this condition as well as read (READ REVERSE, VERIFY, RECOVER BUFFERED DATA)? This same comment applies to section 3.1.59.			
Quantum 16	E		3.1.42	16. Section 3.1.42: Change "...defined in a vendor-specific manner" to "...defined in a vendor-specific or format specific manner". Add a reference to section 4.2.3			
Quantum 17	E		3.1.49	Remove second sentence.			
Quantum 18	T		3.1.50	Is this definition correct? Are we "spacing" while T 3.1.50 executing a LOCATE command or while performing the implied locate from an explicit READ command?			
Quantum 19	E		3.1.58	Remove the second sentence.			
Quantum 20	E		3.1.60	Should we include all commands that have the FIXED bit in them (READ REVERSE, VERIFY, RECOVERED BUFFERED DATA"?			
Quantum 21	E		3.2	Add LBA if we keep that term.			
Quantum 22	E		4.2	Hanging paragraph.			
Quantum 23	E		4.2.1	The seventh paragraph, which begins "The RESERVE and RELEASE...", should be moved to section 4.2.16.			
Quantum 24	E		4.2.1	The eighth paragraph, which begins "The write enabled...", contains a list of commands that can return CHECK CONDITION due to write protect. This list includes a couple of obsolete commands and does not include all commands that can return this status. This paragraph should be moved to section 4.2.9 that deals with write protection.			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
Quantum 25	E		4.2.1	The paragraph immediately following Figure 3 includes reference to BOM and EOM that should be BOP and EOP.			
Quantum 26	E		4.2.1	The second sentence in the second paragraph after Figure 3 needs "at" capitalized.			
Quantum 27	E		4.2.2	The second paragraph references EOM when it should use EOP.			
Quantum 28	E		4.2.2	Figure 7 should use BOP and EOP instead of BOM and EOM.			
Quantum 29	E		4.2.2	The paragraph following Figure 7 is a repeat of the paragraph before the figure.			
Quantum 30	E		4.2.3	In Figure 10, change "EOP0/BOP0" to "EOP0/BOP1". Also add "EOP1" near EOM.			
Quantum 31	E		4.2.4	The first sentence of the first paragraph needs rewording or at least the word "two" should be changed to "three". Rewording would probably be better since "typical" volumes do not include setmarks. The second sentence only lists a few of the commands that are used to control and transfer elements. Does this sentence add any value?			
Quantum 32	E			The last sentence in the third paragraph needs a reference to section 8.3.2.			
Quantum 33	E		4.2.4	The forth paragraph needs a reference added to section 8.3.2 at the end of the last sentence.			
Quantum 34	T		4.2.4	The forth paragraph describes setmarks and mentions that they may be optionally ignored. One sentence states "If ignored, setmarks are skipped when encountered.". Question, how does ignoring setmarks affect the LBA calculation?			
Quantum 35	T		4.2.6	35. Section 4.2.6: I disagree with the second sentence in this section. Either the initiator or the target may limit the number of tagged commands that could dramatically reduce the amount of buffered data. There are other significant differences between buffered mode and tagged commands, such as residual counts and deferred errors. I suggest a different wording for this sentence: "Issuing tagged write commands with data buffering disabled can facilitate streaming operations up to the limit of the number of outstanding tagged commands supported by the initiator and the device. This limit may effectively reduce the usable portion of the buffer which can significantly affect the device's performance".			
Quantum 36	T		4.2.7	Reference the last 2 paragraphs in this section. The READ POSITION and LOCATE commands use several methods of addressing elements on a medium. Additionally, all of the explicit mode commands address the elements using an 8 byte address and a 1 byte partition. These paragraphs need to be reworked or removed.			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
Quantum 37	E		4.2.8.1	This should be section 4.2.9, not a sub-section of 4.2.8.		Accepted.	
Quantum 38	T		4.2.8.1	In Table 1, the sixth row states that "Overlength or other error that may be resolved by repeating the command" reports an "ABORTED COMMAND" Sense Key. There are several events that can cause an ABORTED COMMAND Sense Key to be reported, but an Overlength is not one of them. I recommend this row be removed from the table.			
Quantum 39	E		4.2.8.1	In Table 1, row 10 that starts "Attempt to execute an erase, format...". Change the word "execute" to "process". There are several command names in this sentence that need to be all capital letters.			
Quantum 40	E		4.2.8.1	The last 5 paragraphs describe hard read error and hard write error cases over a variety of conditions of the fixed bit and buffered modes. These would be much easier to understand if they were a table.			
Quantum 41	E		4.2.9	Hanging paragraphs (several).		Accepted.	
Quantum 42	T		4.2.9	42. Section 4.2.9: There are several other conditions that can cause a command to be rejected with a DATA PROTECT sense key, such as: * The format on the current medium is read-only by the device. * The device can only write from BOP or EOD and the current position is neither. * The medium is an archive tape and only can be recorded at EOD. * Other vendor unique conditions. I don't think we need to list how all of these will be treated or reported, but they should be at least mentioned.			
Quantum 43	E		4.2.10	This section would be clearer if table 4 contained the additional sense code values instead of the text, like table 3 does. ASC should be spelled out so it is clear the field contains the ASC and ASCQ.			
Quantum 44	T		4.2.11 through 4.2.13	44. Section 4.2.11 through 4.2.13: These sections describe different uses for the explicit and implicit command set, without first describing how the command sets differ and why you would choose one over the other. Perhaps this would be better handled by creating a Command Set section 4.2.11 and starting with a sub-section that describes the differences between the 2 command sets and when one would be chosen over the other. Then these 3 sections could follow as sub-sections describing how the command sets are selected.			
Quantum 45	E		4.2.12	In items d and e, are we allowed to place "shall" requirements on the application client in this standard?			
Quantum 46	E		4.2.14	Hanging paragraphs.			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
Quantum 47	T		4.2.14	This section places several "shall" requirements on the application client that should not be mandatory even if placing requirements on the application client is allowed. Most of the places "shall" is used should be changed to "may", and some of them should be changed to "Note". Note 4 and Note 5 are requirements placed on the device server, and should not be notes. Except for the first two sentences in the last paragraph before section 14.2.14.1, the entire paragraph specifies how the application must act, not the device.			
Quantum 48	E		4.2.14.3	48. Section 4.2.14.3: The second paragraph is a list with one entry, this should not be a list. The third paragraph states that table 7 lists "The minimum subset of flags that shall be supported...". The note that follows this paragraph states "These are only examples and may not relate to some tape technologies.". These two statements are contradictory.			
Quantum 49	E		4.2.14.3	Table 7 is redundant with table B.1. Either table 7 should be removed and a reference added, or table B.1 should be moved into this section.			
Quantum 50	E		4.2.15	In the last paragraph before NOTE 8, the first sentence contains an extra "e".			
Quantum 51	E		4.2.16	The second paragraph states that "if any element is reserved within a logical unit, ...". In section 4.2 .1, the seventh paragraph, which begins "The RESERVE and RELEASE...", states that "Element reservations are not supported by this model". These two statements are contradictory.			
Quantum 52	E		4.2.16	The definitions of "Allowed" and "Conflict" include not only what they mean, but also when they will occur, which table 11 is supposed to do. I recommend changing the definitions as follows: Allowed: Command shall not report RESERVATION CONFLICT status. Conflict: Command shall not be performed and the device server return RESERVATION CONFLICT status. The N/A key word is no longer used in the table.			
Quantum 53	E		5.1	Change the definition of the M key to include "if the explicit command set is implemented and enabled".			
Quantum 54	E		5.2	Subclause heading 5.2.1 is not needed (A subclause shall not be created unless there is at least one further subclause at the same level). All of the subclauses in clause 5 and 6 have this issue.			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
Quantum 55	E		5.2	In the first sentence of the second paragraph after table 13, change the first sentence to "A LONG bit of one specifies all data beyond LOGICAL BLOCK ADDRESS in the partition signified by PARTITION shall be erased".			
Quantum 56	T		5.2	56. Section 5.2: In the last paragraph, what is the logical position following a failed locate operation? Paragraph 3 says that it is not defined if the LONG bit is set, with no reference to successful completion. But nowhere does it say where the position is if the LONG bit is not set.			
Quantum 57	E		5.2	Also in the last paragraph. A note or comment should be added that some devices may reject an ERASE(16) that specifies a location other than BOP, similar to NOTE 10. Or, NOTE 10 can be expanded to cover this case.			
Quantum 58	T		5.3	In the paragraph that begins "If the device server encounters a setmark during a READ(16) command...", it is unclear what is meant be the last sentence. The sentence in question reads "The device server shall not return CHECK CONDITION when a setmark is encountered if the RSMK bit is set to zero or if this option is not supported". I have two questions about this sentence: * Should the device stop and not transfer any data or just skip over the setmark as if it was not there? * What is meant by the statement "if this option is not supported"? What option? The same comment applies to section 6.4.			
Quantum 59	E		5.3	59. Section 5.3: in regards to the paragraph that begins "If the device server encounters early-warning during a READ(16) command...". In the last sentence in this paragraph, the phrase "or if the REW bit is not supported" should be removed since it will be zero if not supported. The same comment applies to section 6.4.			
Quantum 60	E		5.3	60. Section 5.3: In NOTE 14, it is unclear what is meant by "error condition".			
Quantum 61	T		5.5	In the paragraph that begins "The LOGICAL BLOCK ADDRESS and PARITION fields specify the position where the VERIFY(16) command shall start.", it does not say if the locate is performed if the BYTCMP bit is set to zero. I would assume that the locate operation is not done if the verification length is zero, regardless of the value of BYTCMP.			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
Quantum 62	T		5.5	62. Section 5.5: In the paragraph that begins "The VERIFICATION LENGTH field specifies...", it does not say what to do if the BYTCMP bit is zero and the length is zero. The same comment applies to section 6.7.			
Quantum 63	T		5.6	63. Section 5.6: The paragraph that begins "If a WRITE(16) command is received while the logical unit is positioned between early-warning and end-of-partition..." can be interpreted to require a buffer flush operation before returning status. No mention is made of the SEW bit from the device configuration mode page which is supposed to control if the device flushes the buffer. Was the SEW bit only supposed to control the first time EW is detected, or the action of the drive while in the early-warning region? If the latter, this paragraph needs some rewording. The same comment applies to sections 5.7, 6.8, and 6.9.			
Quantum 64	T		5.6	64. Section 5.6: The first sentence in NOTE 18 is confusing. Is the "repositioning" mentioned in the note initiated by the application client or by the device? I believe this note is alluding to a recovery process for a WRITE command that terminated without transferring all of its data. Yet I could find no recovery process like that anywhere in the requirements area of the standard. The same comment applies to section 6.8.			
Quantum 65	T		5.7	No mention is made as to the interaction of the WSMK bit and the RSMK bit in the device configuration mode page. This would lead me to believe that a WRITE FILEMARKS command with WSMK set to one is legal even if RSMK it set to zero. This is fine, but it could lead to problems on RECOVER BUFFERED DATA and READ POSITION commands. Should the RSMK bit affect the residual counts (don't count buffered setmarks if it is set to zero)? This same comment applies to sections 5.6, 6.8, and 6.9.			
Quantum 66	T		6.3	The paragraph that begins "If the end-of-partition is encountered while spacing forward..." looks like it was cut and pasted from the SPACE command. This needs to be fixed to reference the LOCATE command.			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
Quantum 67	T		6.3	The last paragraph states that "The logical unit position is undefined if a LOCATE command fails with a sense key other than ILLEGAL REQUEST". I would think that a sense key of BLANK CHECK would indicate the position to be EOD, would it not? The same comment applies to section 7.4.			
Quantum 68	E		6.6	In the first paragraph there are two instances where the field name "count" is not small caps font.			
Quantum 69	E		6.6	In table 25, spell out the M and the O in the support column.			
Quantum 70	T		6.6	Are CODE values 4 and 5 (Setmarks and Sequential setmarks) legal when the RSMK bit in the device configuration mode page is set to zero?			
Quantum 71	E		6.6	In the paragraph that begins "If a setmark is encountered...", remove the phrase "or if this option is not supported" from the last sentence.			
Quantum 72	E		6.6	In the paragraph that begins "If early-warning is encountered...", modify the first sentence to read "If early-warning is encountered while spacing forward over blocks, filemarks, or setmarks...". Remove the phrase "or the option is not supported by the logical unit" from the last sentence in this paragraph. If the REW option is not supported it must be zero.			
Quantum 73	E		6.6	In the paragraph that begins "If a setmark is encountered while spacing to sequential filemarks...", remove the phrase "or if setmarks is not supported" from the last sentence.			
Quantum 74	T		7.2	The first paragraph after Table 29 states "The FORMAT UNIT command shall be accepted only when the medium is positioned at beginning-of-medium (BOM) or beginning-of-partition 0 (BOP 0)". How does one position the medium at BOM, and how is this position reported? The next paragraph says that at the completion of the command, the medium should be positioned at BOM or BOP 0. Which one? They may be different points.			
Quantum 75	T		7.2	The three paragraphs following Table 30 describe the action of different values if the FORMAT field. When it is 0, all of the data "shall be lost". When it is 1, all of the data "may be lost". When it is 2, "...the logical unit shall perform the operations equivalent to a FORMAT field of 0h followed by a FORMAT field of 1h". Yet the data only "may be lost". Are these statements correct?			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
Quantum 76	T		7.3	The paragraph that begins "A LOAD bit of zero and a HOLD bit of one specifies if the medium is in the logical unit..." specifies that a MAM ACCESSIBLE Unit Attention shall be generated for all initiators. Do we really want this UA on an unload operation? We should have reported the UA when we loaded the tape. Does its accessibility change while it is loaded?			
Quantum 77	T		7.4	The DEST_TYPE field's description needs work. In the paragraph that describes it, there is a sentence that reads "Upon completion of a LOCATE(16) command with the DEST_TYPE field set to 01b, the logical position shall be on the end-of-partition side of the filemark regardless of direction". The EOP side rule applies to both 01b and 02b, and the direction is never an issue on LOCATE commands. I believe this sentence should be removed in favor of the table that follows.			
Quantum 78	T		7.4	In Table 33, the column "logical position upon completion" should be "logical position upon successful completion". The values in this column should be clarified to BOP side of block, EOP side of filemark, and EOP side of setmark. There is no key for the M and O used in the Support column, perhaps they should be spelled out as mandatory and optional. I'm a little unclear as to the rules governing features that are listed as mandatory in a command that is listed as optional.			
Quantum 79	T		7.4	Is a DEST_TYPE field value of 10b (Setmark) legal if the RSMK bit in the device configuration mode page is set to zero?			
Quantum 80	T		7.4	The paragraph following table 33 describes the BAM bit. Do we still need to reject the command if it does not match the current operating mode?			
Quantum 81	T		7.4	The paragraph that begins "The LOGICAL BLOCK ADDRESS field specifies the block identifier to which the logical unit..." should not use the term "block identifier" here this way. This could be reworded to "...block identifier, logical file address, or logical set address...". The term "block identifier" should not be used generically since it has been given a very specific meaning in section 4.2.7. I recommend we change the field name to TARGET ADDRESS to avoid confusion.			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
Quantum 82	E		7.5	The paragraph "For read and write commands with the FIXED bit set to one, block lengths are limited to multiples of four (see 8.3)" does not belong in this command's description. There is already a similar statement in section 8.4 that is appropriate but debatable.			
Quantum 83	E		7.6	This command should be broken up into sub-clauses, one for the command description, and one for each of the different forms of parametric data (short, long, and extended). This would make table 37 much more understandable since the description column could be replaced with a sub-clause reference. Also in table 37, the M and O should be spelled out (mandatory and optional). The vendor specific code should be listed as optional.			
Quantum 84	T		7.6	Table 40 and the last paragraph in this section claim the ADDITIONAL LENGTH fields shall be set to 18h. By my calculations this should be 1Ch.			
Quantum 85	T		7.8	Question about the CAPACITY field. If the capacity has been adjusted through the use of a SET CAPACITY command, is this field adjusted also (when the MEDIA bit is set)?			
Quantum 86	T		7.1	The third paragraph states that "The SET CAPACITY command shall be accepted only when the medium is at beginning-of-medium (BOM) or beginning-of-partition 0 (BOP). How does one position the medium at BOM? The fifth paragraph sates that "Buffered write data may be discarded by the device server upon successful validation of the SET CAPACITY command". How can there be any buffered write data if the medium is positioned at BOP 0?			
Quantum 87	T		7.1	The forth paragraph in this section states "a valid SET CAPACITY command shall cause all data on the entire physical volume to be lost". I assume that partitioning information is lost also, since the new volume size may not be capable of supporting the currently defined partitions. If so, does this result in a UA for MODE PARAMETERS CHANGED? If the partitioning is maintained, are all partitions reduced in size by the proportion? If partitioning has been establish by a MODE SELECT command but commitment is waiting on a FORMAT MEDIUM command (POFM bit set), what is the device to do with the SET CAPACITY command?			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
Quantum 88	E		8.2	Table 50 would be easier to read if it was sorted in numeric order of the Page Code values.		Accepted.	
Quantum 89	E		8.2.1	This page would be more standard if parameter sizes were included for each parameter.			
Quantum 90	E		8.2.2	Annex B should be moved into this section since it defines the parameters for this log page. If it does not move here, it should at least be referenced here.			
Quantum 91	T		8.3	In reference to the sixth paragraph, each device has the ability to report to the application client the granularity of block sizes supported by the device. Some devices may choose to report a granularity of 4, but here is no reason why this should be required. I suggest this paragraph and the note be changed as follows: The value of the BLOCK LENGTH field in the mode parameter block descriptor shall comply with the MINIMUM BLOCK LENGTH LIMIT, MAXIMUM BLOCK LENGTH LIMIT, and GRANULARITY fields reported by the READ BLOCK LIMITS command (See 7.5). NOTE 46 Some transports may induce performance penalties or even be incapable of supporting block lengths that are not multiples of four. Application Clients should use block lengths that are multiples of four to avoid interchange limitations.			
Quantum 92	T		8.3	In the list that describes the DENSITY CODE value return in response to a MODE SENSE command, item C states "following a successful read at or after beginning-of-medium, the device server...". What other places can a successful read operation take place other than at or after BOM? This phrase can be removed. There are several cases missing from this list, such as: * Following an unsuccessful read operation while not at BOP; * Following a successful write operation while not at BOP; and * Following an unsuccessful write operation anywhere. Should we include them or leave the list incomplete?			
Quantum 93	E		8.3.1	In table 58, the PAGE LENGTH value of 0Eh looks like it used a letter O instead of a number 0. The same comment applies to tables 61, 67, and 68.			
Quantum 94	T		8.3.2	The ACTIVE PARTITION field description defines the field's value on a MODE SENSE command. Should this field be ignored on MODE SELECT commands?			

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Quantum 95	T		8.3.2	The description of the RSMK bit needs clarification as to the effect on residual counts, LBA calculations, and WRITE FILEMARK commands.			
Quantum 96	E		8.3.2	In the description of the AVC bit, the last sentence states "An AVC bit of zero specifies the speed chosen should be the device's default speed". This should be "An AVC bit of zero specifies the speed chosen shall be defined by the SPEED field in the mode parameter header".			
Quantum 97	T		8.3.2	In the description of the SOCF field, it is stated: "A stop on consecutive filemarks (SOCF) field of 00b specifies the device server shall pre-read data from the medium in buffered mode to the limits...". Section 4.2.5 states "Buffered mode is not applicable during read commands, regardless of whether read data passes through the buffer". I think the phrase "in buffered mode" should be removed from the description.			
Quantum 98	T		8.3.2	In the paragraph that begins "A block address mode lock (BAML) bit of zero indicates..." there is a phrase "...or a successful rewind to BOT operation". REWIND commands position the medium to BOP, not BOT. Is a REWIND command the only command that unlocks the block address mode? How about a LOCATE, SPACE, or LOAD UNLOAD command that positions the medium to BOP?			
Quantum 99	T		8.3.2	Is it legal to change the ASOCWP bit when not a BOP? If so, should it cause a flush operation?			
Quantum 100	T		8.3.2	The persistent write protect and permanent write protect bits are soft write protection indicators that persists with the medium that is currently mounted. For this status to persist with the medium, they must be saved with it either in a MAM or in some format unique area on the medium. In other words, the MODE SELECT command that changes one of these bits will "require eventual writes to the medium". My question, is it legal to change one of these bits if the medium is write protected?			
Quantum 101	E		8.3.3	Table 64, either spell out optional or move it to the paragraph above, as in "Support for each code value is optional".			
Quantum 102	E		8.3.3	Change NOTE 56 as follows "...MODE SELECT command that has any of the fields FDP, SDP, or IDP set to one and has a value of zero in the POFM field."			

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Quantum 103	T		8.3.3	The paragraph that begins "A partition on format (POFM) bit of one specifies..." needs some word-smithing. Here's what I suggest: A partition on format (POFM) bit of one specifies the MODE SELECT command shall not cause changes to the partition sizes or user data, either recorded or buffered. If POFM is set to one, actual media partitioning shall not occur until the device server processes a subsequent FORMAT MEDIUM command (see 7.2). When the device server processes a subsequent FORMAT MEDIUM command, it shall partition the media based on the contents of the last valid mode data for medium partition pages (1-4). If POFM is set to one, field values specified by a MODE SELECT command for all medium partition pages (1-4) shall not be changed by the device server before the media is unloaded or the device is reset, unless another valid MODE SELECT command is processed that affects them. Some field checking may be performed by the MODE SELECT command. However, there is no guarantee that any subsequent partitioning during a			
Quantum 104	T		8.3.3	Several paragraphs in this section indicate that the medium will only be repartitioned if one of the FDP, SDP, or IDP is set to one. How do you change from multiple partitions to a single partition on devices that only support FDP partitioning? The same comment also applies to section 7.2, the second paragraph after table 30.			
Quantum 105	E		8.3.6	There are several occurrences of the term "ASC/ASCQ" in this section that should be replaced with the term "additional sense code".			
Quantum 106	T		8.3.6	This section defines default values for almost all of the fields in the page. I don't think T10 should do this.			
Quantum 107	T		8.3.6	In the paragraph that begins "Refer to SPC-3 for a description of the MRIE field", the second sentence should be changed as follows. "If an informational exception condition was generated by an event that caused a real CHECK CONDITION to occur, then this real CHECK CONDITION shall over-ride (i.e., be used instead of) the CHECK CONDITION defined in MRIE modes 01h to 05h."			
Seagate 1	E	2/18	1	Under Physical Interconnects, list FC-AL-2	Fibre Channel Arbitrated Loop - 2 FC-AL-2 [ISO/IEC ???] [ANSI NCITS 332-1999]		
Seagate 2	E	2/18	1	Under Physical Interconnects, typo: "Fiber Channel Physical Amendment 1" (also appears in clause 2.3, page 4/20)	"Fibre Channel Physical Amendment 1"		

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
Seagate 3	E	4/20	2.4	SPC-2 should be listed because it describes, e.g., TEST UNIT READY	SCSI Primary Commands - 2 SPC-2 [ISO/IEC 14776-312] [T10 1236-D]		
Seagate 4	E	4/20	2.4	SPC-3 should be listed because it is referred to by 3.1.1	SCSI Primary Commands - 3 SPC-3 [ISO/IEC 14776-313] [T10 1416-D]		
Seagate 5	E	5/21	3.1.15	early-warning definition needs the acronym	"early warning (EW)"		
Seagate 6	E	5/21	3.1.16	end-of-data definition needs the acronym	"end-of-data (EOD)"		
Seagate 7	E	8/24	3.2	Missing acronyms	"EOM end-of-medium" "MAM Medium Auxiliary Memory"		
Seagate 8	E	9/25	3.3.9	Missing article at end of last sentence "...reported as error."	"...reported as an error."		
Seagate 9	E	11/27	4.1	Second sentence refers to printer devices, which have otherwise been removed.	"One device type is a member of this class, sequential-access devices."		
Seagate 10	E	11/27	4.2	"media" is the plural of "medium" However, "media" is frequently used when "medium" would be correct.	In the first paragraph, change all occurrences of "media" to " medium." Add article "the" as appropriate.		
Seagate 11	E	18/34	4.2.5	Last sentence of next-to-last paragraph on page has a missing article: "…and auto contingent allegiance protocol."	"...and the auto contingent allegiance protocol."		
Seagate 12	E	19/35	4.2.7	First sentence refers to four-byte fields for READ POSITION and LOCATE commands; it was not updated for large block addresses.	"The READ POSITION, LOCATE(10), and LOCATE(16) commands use four- and eight-byte fields…"		
Seagate 13	E	22/38	4.2.9.1	Unneeded article in second sentence: "The Table 2 specifies..."	"Table 2 specifies..."		
Seagate 14	E	33/49	4.2.15	Unneeded article in first sentence: "...described in the table 9 and table 10."	"...described in table 9 and table 10."		
Seagate 15	E	34/50	4.2.15	Last paragraph (excluding Note 8) has stray "e": "...defining the e values in..."	"…defining the values in..."		
Seagate 16	E	34/50	4.2.15	Last paragraph and Note 8 refer to SPC-3 Annex D. This is now Annex C in SPC-3 rev. 2.	Change both to Annex C.	Accepted. Changed to refer to SPC-3 only.	
Seagate 17	E	46/62	5.5.1	Paragraph beginning "A BYTCMP..." contains a reference to WRITE(16) and clause 6.8; that clause is for WRITE(6).	"…see 5.6"		
Seagate 18	E	46/62	5.5.1	Paragraphs beginning "The VERIFICATION LENGTH..." and "The VERIFY(16) command..." each contain references to READ(16) and table 22, which is for READ(6).	Change both references to table 14.		
Seagate 19	E	46/62	5.5.1	First sentence of last paragraph is missing comma: "…the sense data VALID bit shall be set to one the sense key shall be set to..."	"...the sense data VALID bit shall be set to one, the sense key shall be set to..."		
Seagate 20	E	62/78	6.7.1	Last line on page is missing comma: "...the sense data VALID bit shall be set to one the sense key shall be set to..."	"...the sense data VALID bit shall be set to one, the sense key shall be set to..."		
Seagate 21	T	70/86	7.3.1	In the fourth paragraph, "...is changeable or a MODE SENSE command reports a value in the AUTOLOAD MODE field other than zero,..." does not take into account a non-MAM device that allows a value of 2, NO LOAD. Only a value of 1, LOAD TO HOLD, indicates that MAM is supported.	Change the quoted text to "…is changeable to a value of one or a MODE SENSE command reports a value of one in the AUTOLOAD MODE field,..."		

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
Seagate 22	T	81/97	7.8.1	The description of the MEDIA bit says, "...If the MEDIA bit is one and the logical unit is not in the ready state,..." a check condition is reported. This is an unnecessary restriction upon devices which are able to determine the density via MAM, cartridge hole patterns, etc. without being in the ready state.	Change the quoted text to "...If the MEDIA bit is one and the logical unit either contains no medium or contains a medium but cannot determine the medium's density,..."		
Seagate 23	E	92/108	8.3	Third paragraph lists "SCSI Logical Unit Reset."	Delete "SCSI" to give "Logical Unit Reset."		
Seagate 24	E	101/117	8.3.2	Second to last paragraph refers to BOT.	Change to "BOM."		
Seagate 25	T	115/131	Annex A	In table A.3, density code 41h may have incorrect values.	Research this further and correct the values.		
Seagate 26	E	General		Every command description clause has a second level heading with the command name, e.g., "FOOBAR command," immediately followed by a third level heading titled, e.g., "FOOBAR command introduction." No command description has another third level heading.	Delete all third level headings in the command descriptions (or add one or more additional third level headings).		