<table>
<thead>
<tr>
<th>Company</th>
<th>Number</th>
<th>Page</th>
<th>E/T</th>
<th>Location</th>
<th>Comment</th>
<th>Suggestion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seagate</td>
<td>2</td>
<td>34</td>
<td>E</td>
<td>4.1 first sentence</td>
<td>Numeral &quot;2&quot; should be spelled out</td>
<td>Change to &quot;two&quot;</td>
</tr>
<tr>
<td>Seagate</td>
<td>3</td>
<td>35</td>
<td>E</td>
<td>4.3.1 last sentence</td>
<td>Grammar: &quot;The port state machine is the primary machine and always active while and the others are sub-state machines and only active to manage specific operations.&quot;</td>
<td>Change to &quot;The port state machine is the primary machine and is always active, while the others are sub-state machines and are only active to manage specific operations.&quot;</td>
</tr>
<tr>
<td>Seagate</td>
<td>4</td>
<td>35</td>
<td>E</td>
<td>4.3.2.1 last sentence</td>
<td>Why is the P0:P1 transition condition described here?</td>
<td>Either delete the sentence or add the second condition that causes the transition: &quot;The port shall transition to P1:Login after receiving either an Initiate Login request or a Port Login IU.&quot;</td>
</tr>
<tr>
<td>Seagate</td>
<td>5</td>
<td>37</td>
<td>E</td>
<td>4.3.2.3.1 fourth paragraph</td>
<td>&quot;...it sends an...&quot;</td>
<td>Change to &quot;...it shall send an...&quot;</td>
</tr>
<tr>
<td>Seagate</td>
<td>6</td>
<td>38</td>
<td>E</td>
<td>4.3.2.4.1 fifth paragraph</td>
<td>&quot;Initiate Recovery IU received&quot; needs capitalization</td>
<td>Change to &quot;Initiate Recovery IU Received&quot;</td>
</tr>
<tr>
<td>Seagate</td>
<td>7</td>
<td>38</td>
<td>E</td>
<td>4.3.2.4.1 first sentence</td>
<td>&quot;ports&quot; is not possessive</td>
<td>Change to &quot;port's&quot;</td>
</tr>
<tr>
<td>Seagate</td>
<td>8</td>
<td>38</td>
<td>E</td>
<td>4.3.2.4.3</td>
<td>The Recovery Failed message is not mentioned in the cross-referenced location (4.6.2.4.4)</td>
<td>Change to 4.3.5.4.2, where transmission of the message is described.</td>
</tr>
<tr>
<td>Seagate</td>
<td>9</td>
<td>40</td>
<td>E</td>
<td>Figure 5</td>
<td>Incorrect state cited for origination of Send Acknowledgement IU: &quot;(from any state except N3:Accept Sent&quot;</td>
<td>Change to &quot;(from any state except N3:Accept ACK Sent&quot;</td>
</tr>
<tr>
<td>Seagate</td>
<td>10</td>
<td>41</td>
<td>E</td>
<td>4.3.3.3.1 first sentence</td>
<td>&quot;states&quot; should not be plural: &quot;The N0:Idle states waits&quot;</td>
<td>Change to &quot;The N0:Idle state waits&quot;</td>
</tr>
<tr>
<td>Seagate</td>
<td>11</td>
<td>41</td>
<td>E</td>
<td>4.3.3.4.1 first and second sentences</td>
<td>These two cases need to clarify that ACCEPT bit is zero.</td>
<td>Add text in red: &quot;If the port transitioned to this state due to an Initiate Login message, the port shall send a Port Login IU in a new exchange. The ACCEPT bit shall be set to zero. If the AOE bit is set, the Port Login IU shall contain starting parameters. If the port transitioned to this state due to a negotiation error, the port shall send a Port Login IU in a new exchange. The Port Login IU shall contain starting parameters and the ACCEPT bit shall be set to zero.&quot;</td>
</tr>
</tbody>
</table>
Seagate 12 41 E First sentence on page Missing period Add period to end of sentence
Seagate 13 43 E 4.3.3.7.2 Description is for a non-existent transition Delete entire sub-clause
Seagate 14 43 T 4.3.3.8 Need to specify how & when we leave this state. It says "While in this state, a port shall not transmit." No suggestion at this time.
Seagate 15 43 E 4.3.4.1 Possessive needed: "manages the ports permission" Change to "manages the port's permission"
Seagate 16 43 E 4.3.4.1 Do we need to clarify that ports in automation devices can never enter T1:Paused? Add a sentence.
Seagate 17 44 E Figure 6 Capitalize first letter each word of Retryable error detected message in upper left corner. "Retryable Error Detected"
Seagate 18 45 E 4.3.5.1 list item b) Capitalize first letter each word of state name Change to "TE1:Initiating Recovery"
Seagate 19 46 E 4.3.5.3.1 Pluralization needed: "..., NOP IU, Pause IU or ..." Change to "..., NOP IUs, Pause IUs or ...
Seagate 20 46 E 4.3.5.4.1 Pluralization needed: "..., NOP IU, Pause IU or ..." Change to "..., NOP IUs, Pause IUs or ...
Seagate 21 46 E 4.3.6.1 list item b) Capitalize first letter each word of state name Change to "R1:Pending Recovery"
Seagate 22 47 E 4.3.6.2.3 first sentence Wrong article: "...receiving a Initiate Recovery..." Change to: "...receiving an Initiate Recovery...
Seagate 23 48 E 4.4 third paragraph Should this paragraph be saying "unacknowledged frame count" or "Unacknowledged Frame Counter?" If it's describing a count, then it's okay as written. If it's describing the counter that contains the count, then change.
Seagate 24 49 T 4.5.3 list item 1) After sending a Logout, then the port will still be in P2:Logged In, pending receipt of the ACK for the Login. If EFS is set to one immediately, then IUs received before the Logout ACK may enter error recovery. Two approaches: A) Change 4.3.2.4.2 to perform transition P2:P0 after sending the Logout IU, which means that received IUs will be discarded by the port; or B) Split list item 1) in 4.5.3 into three parts as follows: "1) It shall be set to one after sending or receiving a Port Login IU with the AOE bit set to one; 2) It shall be set to one after receiving a Port Logout IU; 3) It shall be set to one after receiving an ACK IU for a Port Logout IU;" The result of 3) will be to pass
Seagate 25 49 E 4.5.3 list item 3) P5:Recovering
Seagate 26 49 E 4.5.3 list item 4) P2:Active
Seagate 27 50 E 4.6.1.3 Incorrect use of semicolon: "There are four types of errors detectable by the frame receiver; corrupted frame,…"
Seagate 28 51 E 4.6.2.3 Capitalize "Table"
Seagate 29 51 E 4.6.2.3 list item b) P2:Active (twice) and P3:Pending Recovery
Seagate 30 51 E 4.6.2.3 list item c) P5:Recovering and P2:Active
Seagate 31 52 E 4.6.2.4.4 list item 3) P5:Recovering and P2:Active
Seagate 32 52 E 4.6.2.4.4 list items 1) and 2) P4:Initiating Recovery
Seagate 33 52 T 4.6.2.5.1 Need to specify the NAK status code
Seagate 34 52 E 4.6.2.5.2 Cross reference needed to table
Seagate 35 52 E 4.6.2.5.3 Capitalize "Table"
Seagate 36 53 E 4.6.2.6.3 Capitalize "Table"
Seagate 37 59 E Table 7 Are "automation port" and "DTD port" consistent with the final terminology?
Seagate 38 62 E 6.2 second paragraph after Table 11, third sentence "...associated in these sequences..." is vague
Seagate 39 62 E Table 11 Capitalization is inconsistent
Seagate 40 64 E 6.5.3.2 Spell out numeral in "...contain 0 bytes of payload."
Seagate 41 64 E 6.5.3.3 first paragraph after Table 13 P3:Pending Recovery
Seagate 42 64 E 6.5.3.3 first paragraph, third sentence Missing article: "...set to value in the..."
Seagate 43 67 T Fifth paragraph, third sentence on page
Contradictory rule for incrementing ACK Offset: "Link service IUs are not counted in the offset (see 4.4)." 4.4 says: "The counter shall be incremented by one for each frame that is sent except acknowledgement frames."
Fix page 67: "Acknowledgement IUs are not counted in the offset (see 4.4)"

Seagate 44 67 E Last paragraph on page
P7:Logged-out
P3:Logged-Out

Seagate 45 67 E Seventh paragraph, first sentence on page
Incoherent sentence: "The BAUD RATE field indicates the speed that the port is negotiating the physical interface shall run."
Change to: "The BAUD RATE field indicates the speed that the port's physical interface shall run after completion of negotiation."

Seagate 46 72 T Table 20 and following paragraph. Also Table 26.
Delete QUERY TASK function?
Consider discussions in CAP working group.

Seagate 47 73 E Table 22 caption
"response code" should be small caps
"RESPONSE CODE"
Wrong response code: "This field shall be set to 0 if the response code is not 00h or 06h"
Change to: "This field shall be set to 0 if the response code is not 00h or 05h" or change to the names of the codes, "...COMMAND OR TASK MANAGEMENT FUNCTION COMPLETE or COMMAND COMPLETE WITH GOOD STATUS AND SENSE DATA VALID..."

Seagate 49 80 E 8.2 Heading
Should these words all be capitalized? Maybe not "support"
Maybe not "support"

Seagate 50 83 E 8.2.5
Inconsistent use of "( )" after function name in the midst of a sentence, when no arguments are present
Remove empty parentheses. Also see 8.2.7, 8.2.9, 8.2.11, & 8.2.12, 8.3.3

Seagate 51 96 E B.1
Capitalize "Table"
Change to "Table B.1"

Seagate 52 96 E Table B.1
Line 13 (a = b) "Counter a equals expression b" is not correct
Add description on the left "((PR == 1) && (ACK Offset == 0))" => Enter TE1:Initiating Recovery
NFTS = k
Send Initiate Recovery"
Change to larger dots?

Seagate 53 97 E Figure B.1
Receipt of NAK IU should show transition to TE1

Seagate 54 99 E Figure B.3
Dotted line of timeout is not clear. Also applies to figures B.4, 5, 6, and 8.
Change to larger dots?

Seagate 55 100 E B.5 first sentence
"Acknowledgement IU" should not have the first word capitalized
Change to "acknowledgement IU"
<table>
<thead>
<tr>
<th>Seagate</th>
<th>56 101 E</th>
<th>Figure B.5</th>
<th>Incorrect names for states</th>
<th>Change: P3:Pending Recovery to R1:Pending Recovery, (on right) P2:Active to R0:Idle, (on left) P4:Initiating Recovery to TE1:Initiating Recovery, and</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seagate</td>
<td>57 102 E</td>
<td>B.7 first sentence</td>
<td>&quot;Acknowledgement IU&quot; should not have the first word capitalized</td>
<td>Change to &quot;acknowledgement IU&quot; (three occurrences)</td>
</tr>
<tr>
<td>Seagate</td>
<td>58 107 E</td>
<td>C.3 list item 1)</td>
<td>Capitalize “Table”</td>
<td>Change to &quot;in Table C.2” Similarly for references to Tables C.3 - C.9</td>
</tr>
<tr>
<td>Seagate</td>
<td>59 * E</td>
<td>Multiple</td>
<td>Please check the font size of small caps field names. E.g., FRAME SIZE in 4.3.6.4.1 seems very small.</td>
<td></td>
</tr>
</tbody>
</table>