

2014 T10 Mailing #4

| Announce | Description | File Type and Size |
|----------|--|-----------------------------|
| jbl1404 | Memorandum from the Chairman | PDF (17302) |
| sy1404 | Table of Contents | PDF (n/a) |
| ann-m123 | Meeting Notice: Sep 8-12, 2014 Westborough, MA | PDF (94978) |
| ann-m124 | Meeting Notice: Nov 3-7, 2014 Santa Rosa, CA | PDF (23110) |
| map-m123 | Meeting Map: Sep 8-12, 2014 Westborough, MA | PDF (33093) |

| Document Number | Description | Author | File Type and Size |
|-----------------|---|------------------|--------------------------------|
| 13-029r4 | SPC-5: Device Internal Status Dump | Frederick Knight | PDF (268433) |
| 13-198r1 | SSC: Cleaning Model | Kevin Butt | PDF (63050) |
| 13-225r3 | SPL-4: 128b130b Coding | George Penokie | PDF (242021) |
| 13-236r1 | SAS-4, 24Gb/s, Alternate Internal 8x connector Proposal | Greg McSorley | PDF (1604212) |
| 13-236r1 | SAS-4, 24Gb/s, Alternate Internal 8x connector Proposal | Greg McSorley | PPTX (1999295) |
| 13-253r5 | SPC-5 Add more environment parameters to Temperature log page | Gerald Houlder | PDF (116873) |
| 13-264r3 | SPC-5: Inband Bind and Unbind | David L. Black | PDF (147033) |
| 13-264r4 | SPC-5: Inband Bind and Unbind | David Black | PDF (149471) |
| 13-264r5 | SPC-5: Inband Bind and Unbind | David Black | PDF (149654) |
| 13-264r6 | SPC-5: Inband Bind and Unbind | David Black | PDF (155569) |
| 14-006r2 | T10 Style Guide 3rd Edition | George Penokie | PDF (923855) |
| 14-006r3 | T10 Style Guide 3rd Edition | George Penokie | PDF (920840) |
| 14-029r1 | PQI-2 Work Item List | le-Wei Njoo | PDF (11123) |
| 14-030r1 | PQI-2 - PQI Queue Priorities | le-Wei Njoo | PDF (325882) |
| 14-036r1 | ZBC Work Item List | Curtis Stevens | PDF (67431) |
| 14-036r2 | ZBC Work Item List | Curtis Stevens | PDF (71517) |
| 14-039r5 | Style Guide ISO modifications to normative reference section | George Penokie | PDF (131036) |
| 14-044r3 | T13 Liaison Report | Dan Colegrove | PDF (13481) |
| 14-048r3 | SAT-3: Letter Ballot Comment Resolutions | Neil Wanamaker | PDF (6704526) |
| 14-048r4 | SAT-3: Letter Ballot Comment Resolutions | Neil Wanamaker | PDF (6725549) |
| 14-052r3 | SAT-4: Logical Block Markup Descriptor annex | Ralph Weber | PDF (205575) |
| 14-052r4 | SAT-4: Logical Block Markup Descriptor annex | Ralph Weber | PDF (203579) |
| 14-052r5 | SAT-4: Logical Block Markup Descriptor annex | Ralph Weber | PDF (208893) |
| 14-054r2 | SAM-5: State Machines Makeover | George Penokie | PDF (176193) |
| 14-054r3 | SAM-5: State Machines Makeover | George Penokie | PDF (392106) |
| 14-054r4 | SAM-5 SPL-5: State Machine Makeover | George Penokie | PDF (417258) |
| 14-054r5 | SAM-5: SPC-5: State Machines Makeover | George Penokie | PDF (420519) |
| 14-054r6 | SAM-5: SPC-5: State Machines Makeover | George Penokie | PDF (428452) |
| 14-054r7 | SAM-5: SPC-5: State Machines Makeover | George Penokie | PDF (429213) |
| 14-064r2 | SBC-4 Granular Boundaries for ATOMIC commands | Frederick Knight | PDF (151829) |

| | | | |
|----------|--|-----------------------------|------------------------------|
| 14-065r1 | SBC-4 Per IO Advice (hints) | Frederick Knight | PDF (300845) |
| 14-077r2 | SPL-4 Active transmitter tuning | Tim Symons | PDF (220499) |
| 14-104r2 | ZBC Zoned Block Device VPD page | Gerald Houlder | PDF (77812) |
| 14-104r3 | ZBC Zoned Block Device VPD page | Gerald Houlder | PDF (80119) |
| 14-104r4 | ZBC Zoned Block Device VPD page | Gerald Houlder | PDF (80412) |
| 14-104r5 | ZBC Zoned Block Device VPD page | Gerald Houlder | PDF (80199) |
| 14-106r1 | SAT-3 LB: Power Condition mode page cleanup | Ralph Weber | PDF (239930) |
| 14-119r1 | Minutes of T10 Plenary Meeting #121 - May 8, 2014 | Weber/Lohmeyer | HTM (123794) |
| 14-119r1 | Minutes of T10 Plenary Meeting #121 - May 8, 2014 | Weber/Lohmeyer | PDF (292504) |
| 14-121r2 | SPC-5: Clarification of Download Microcode mode 0Dh | William Martin | PDF (126465) |
| 14-127r1 | SAS-4 Capacitors | Harvey Newman | PDF (541580) |
| 14-128r1 | SBC-4 Unmap methods and text clarifications | Curtis Ballard, Rob Elliott | PDF (145906) |
| 14-139r1 | Agenda for T10 Meeting #122 | John Lohmeyer | PDF (15391) |
| 14-142r1 | Meeting Announcement: T10 Week Sep 8-12, 2014 -- Westborough, MA | Mick Felton | PDF (94978) |
| 14-143r0 | Enhancing SBC-4 to allow ZBC to share its VPD page definitions | Ralph Weber | PDF (97480) |
| 14-144r0 | ZBC: Define a consistent sense key for ZONE IS OFFLINE additional sense code | Ralph Weber | PDF (79233) |
| 14-144r1 | ZBC: Remove bogus use of ZONE IS OFFLINE additional sense code | Ralph Weber | PDF (80413) |
| 14-144r2 | ZBC: Remove bogus use of ZONE IS OFFLINE additional sense code | Ralph Weber | PDF (82253) |
| 14-145r0 | SPC-5: Endurance Control | Kevin Marks | PDF (28153) |
| 14-145r1 | SPC-5: Endurance Control | Kevin Marks | PDF (28298) |
| 14-146r0 | SPC-5: Storage initiated binding/unbinding (Implicit binding) | Frederick Knight | PDF (161840) |
| 14-146r1 | SPC-5: Storage initiated binding/unbinding (Implicit binding) | Frederick Knight | PDF (392634) |
| 14-146r2 | SPC-5: Storage initiated binding/unbinding (Implicit binding) | Frederick Knight | PDF (469358) |
| 14-147r0 | SPC-5:Redefinition of Peripheral Qualifier | George Penokie | PDF (101781) |
| 14-147r1 | SPC-5:Redefinition of Peripheral Qualifier | George Penokie | PDF (103281) |
| 14-147r2 | SPC-5:Redefinition of Peripheral Qualifier | George Penokie | PDF (103364) |
| 14-147r3 | SPC-5:Redefinition of Peripheral Qualifier | George Penokie | PDF (103100) |
| 14-148r0 | SAM-5 SPL-5 SBC-4 Redefinition of Peripheral device type | George Penokie | PDF (309138) |
| 14-148r1 | SAM-5 SPL-5 SBC-4 Redefinition of Peripheral device type | George Penokie | PDF (307041) |
| 14-148r2 | SAM-5 SPC-5 SBC-4 SSC-5SPL-4 Redefinition of Peripheral device type | George Penokie | PDF (307530) |
| 14-148r3 | SAM-5 SPC-5 SBC-4 SSC-5 Redefinition of Peripheral device type | George Penokie | PDF (280334) |
| 14-149r0 | SAS-4 PHY: AC Coupling Requirements for Multi-Mode PHYs | Rod Zavari | PDF (725786) |
| 14-150r0 | SPC-5: Clarification of Download Microcode mode 07h, 0Dh, and 0Eh | William Martin | PDF (126224) |
| 14-150r1 | SPC-5: Clarification of Download Microcode mode 07h, 0Dh, and 0Eh | William Martin | PDF (126509) |
| 14-151r0 | Fusion-io patent statement re Atomic Writes SBC-3 SPC-4 | Lance Smith | PDF (206286) |

| | | | |
|----------|--|----------------|-------------------------------|
| 14-152r0 | Project proposal for Automation Drive Interface Commands - 4 (ADC-4) | Curtis Ballard | PDF (79790) |
| 14-152r1 | Project proposal for Automation Drive Interface Commands - 4 (ADC-4) | Curtis Ballard | PDF (79723) |
| 14-153r0 | Project proposal for Automation Drive Interface Transport Protocol - 3 (ADT-3) | Curtis Ballard | PDF (79748) |
| 14-153r1 | Project proposal for Automation Drive Interface Transport Protocol - 3 (ADT-3) | Curtis Ballard | PDF (79767) |
| 14-154r0 | ZBC: Conventional conditions and reporting options | Ralph Weber | PDF (85950) |
| 14-154r1 | ZBC: Conventional conditions and reporting options | Ralph Weber | PDF (88074) |
| 14-154r2 | ZBC: Conventional conditions and reporting options | Ralph Weber | PDF (88783) |
| 14-155r0 | SAM-5: Death to I_T_L_Q nexus | George Penokie | PDF (385631) |
| 14-155r1 | SAM-5: Death to I_T_L_Q nexus | George Penokie | PDF (390880) |
| 14-155r2 | SAM-5: Death to I_T_L_Q nexus | George Penokie | PDF (381378) |
| 14-155r3 | SAM-5: Death to I_T_L_Q nexus | George Penokie | PDF (381100) |
| 14-158r0 | ZBC Caching Model | Curtis Stevens | PDF (124642) |
| 14-159r0 | ZBC Zone Control command | Curtis Stevens | PDF (131377) |
| 14-159r1 | ZBC Zone Control command | Curtis Stevens | PDF (248193) |
| 14-160r0 | SAS4 Passive Copper Cable Assembly Data | Kyle Klinger | PDF (1802931) |
| 14-161r0 | Minutes of ZBC/CAP Working Group - June 19, 2014 | Ralph Weber | HTM (34362) |
| 14-161r0 | Minutes of ZBC/CAP Working Group - June 19, 2014 | Ralph Weber | PDF (104882) |
| 14-162r0 | T11 Liaison Report June 2014 | Steven Wilson | PDF (82620) |
| 14-163r0 | SBC-4: Make the WRITE SAME no Data-Out Buffer bit broadly useful | Ralph Weber | PDF (93548) |
| 14-163r1 | SBC-4: Make the WRITE SAME no Data-Out Buffer bit broadly useful | Ralph Weber | PDF (94435) |
| 14-164r0 | Obsolete LID1 Extended Copy in SPC-5 | Ralph Weber | FDF (120976) |
| 14-164r0 | Obsolete LID1 Extended Copy in SPC-5 | Ralph Weber | PDF (72680) |
| 14-164r1 | Make LID1 Extended Copy commands in SPC-5 reference SPC-4 | Ralph Weber | FDF (119841) |
| 14-164r1 | Make LID1 Extended Copy commands in SPC-5 reference SPC-4 | Ralph Weber | PDF (72995) |
| 14-165r0 | Obsolete Access Controls in SPC-5 | Ralph Weber | FDF (21452) |
| 14-165r0 | Obsolete Access Controls in SPC-5 | Ralph Weber | PDF (72114) |
| 14-165r1 | Obsolete Access Controls in SPC-5 | Ralph Weber | FDF (22183) |
| 14-165r1 | Obsolete Access Controls in SPC-5 | Ralph Weber | PDF (72371) |
| 14-166r0 | Obsolete Alias Lists in SPC-5 | Ralph Weber | FDF (45363) |
| 14-166r0 | Obsolete Alias Lists in SPC-5 | Ralph Weber | PDF (72164) |
| 14-167r0 | Obsolete Cabapility-based Command Security in SPC-5 | Ralph Weber | FDF (29022) |
| 14-167r0 | Obsolete Cabapility-based Command Security in SPC-5 | Ralph Weber | PDF (72261) |
| 14-168r0 | SPC-5 content that is to be moved to SFSC | Ralph Weber | FDF (30712) |
| 14-168r0 | SPC-5 content that is to be moved to SFSC | Ralph Weber | PDF (72843) |
| 14-168r1 | SPC-5 content that is to be moved to SFSC | Ralph Weber | FDF (30712) |
| 14-168r1 | SPC-5 content that is to be moved to SFSC | Ralph Weber | PDF (73358) |
| 14-169r0 | PQI-2- PQI host shut down sequence | le-Wei Njoo | PDF (85035) |
| 14-170r0 | PQI-2- ECHO (PING) functions | le-Wei Njoo | PDF (116881) |
| 14-171r0 | SFSC Preliminary draft | Ralph Weber | PDF (725045) |
| 14-172r0 | SPC-4 Add sense code for vibration induced tracking error | Gerald Houlder | PDF (25565) |

| | | | |
|----------|---|--------------------------------|-------------------------------|
| 14-173r0 | SPC-5: Of commands and service actions | Ralph Weber | PDF (162928) |
| 14-174r0 | SBC-4 # Disable PI checking in WRITE SAME if PI is all Fs | Dave Landsman | PDF (163173) |
| 14-175r0 | SAS-4 Capacitor Issues | Harvey Newman | PDF (357173) |
| 14-176r0 | SBC-4 # Including SIZE OF UNMAP REGION in UNMAP CDB | Dave Landsman | PDF (175683) |
| 14-177r0 | SSC-5: Encryption Parameters Request Policy | Kevin Butt | PDF (133230) |
| 14-178r0 | SBC-4 # Disable PI checking on write if PI is all Fs | George Penokie | PDF (94736) |
| 14-178r1 | SBC-4 # Disable PI checking on write if PI is all Fs | George Penokie - Dave Landsman | PDF (190809) |
| 14-179r0 | CRC32C Polynomial for LBP Simplified | Kevin Butt | PDF (168550) |
| 14-179r1 | CRC32C Polynomial for LBP Simplified | Kevin Butt | PDF (172168) |
| 14-180r0 | SES-3 Proposal to support NVMe device identification | Tim Symons | PDF (370064) |
| 14-180r1 | SES-3 and SPC-5 NVMe device identification | Tim Symons | PDF (510496) |
| 14-181r0 | ZBC Discussion: Active zones and host managed pinning | Joe Breher | PDF (1024371) |
| 14-181r1 | ZBC Discussion: Active zones and host managed pinning | Joe Breher | PDF (1029056) |
| 14-182r0 | ZBC: Read across sequential write required zone boundary | Joe Breher | PDF (92385) |
| 14-182r1 | ZBC: Unrestricted read in sequential write required zones | Joe Breher | PDF (94998) |
| 14-183r0 | ZBC: Read unwritten sequential write required zone | Joe Breher | PDF (92150) |
| 14-183r1 | ZBC: Read unwritten sequential write required zone | Joe Breher | PDF (57309) |
| 14-184r0 | ZBC: Disallow unaligned writes for host aware devices | Joe Breher | PDF (79114) |
| 14-184r1 | ZBC: Disallow unaligned writes for host managed devices | Joe Breher | PDF (80195) |
| 14-185r0 | Getting the LOG SELECT details right for thresholds in SPC-5 | Ralph Weber | PDF (145221) |
| 14-186r0 | SPC-5: Clarification of LU Conglomerates, ALUA, and LU groups | Frederick Knight | PDF (183530) |
| 14-186r1 | SPC-5: Clarification of LU Conglomerates, ALUA, and LU groups | Frederick Knight | PDF (135897) |
| 14-186r2 | SPC-5: Clarification of LU Conglomerates, ALUA, and LU groups | Frederick Knight | PDF (136011) |
| 14-187r0 | ZBC Sequential write preferred zone state machine | Gerald Houlder | PDF (51921) |
| 14-188r0 | SBC-4 Resolve error cases with supporting Application Tag mode page | Gerald Houlder | PDF (39121) |
| 14-189r0 | Minutes of SAS Protocol WG - July 14, 2014 | Weber/Lohmeyer | HTM (29953) |
| 14-189r0 | Minutes of SAS Protocol WG - July 14, 2014 | Weber/Lohmeyer | PDF (95698) |
| 14-190r0 | Minutes of CAP WG - July 15-17, 2014 | Weber/Lohmeyer | HTM (104036) |
| 14-190r0 | Minutes of CAP WG - July 15-17, 2014 | Weber/Lohmeyer | PDF (233645) |
| 14-191r0 | Minutes of T10 Plenary Meeting #122 - July 17, 2014 | Weber/Lohmeyer | HTM (120302) |
| 14-191r0 | Minutes of T10 Plenary Meeting #122 - July 17, 2014 | Weber/Lohmeyer | PDF (279746) |
| 14-192r0 | ZBC: Zone resource management | Joe Breher | PDF (280447) |
| 14-193r0 | Minutes SSC-5 July 14, 2014 | Kevin Butt | PDF (24319) |
| 14-194r0 | SBC-4 Update Block Device Characteristics VPD page for Self Managed Devices | Dan Colegrove | PDF (80831) |
| 14-196r0 | SAM-5 & SPC-5: LU Conglomerates and LUN inventory changes | Frederick Knight | PDF (145310) |
| 14-197r0 | SBC-4: New DIF type and Report Size page | Alan Yoder | PDF (234820) |
| 14-198r0 | Minutes of SAS PHY Working Group July 15, 2014 | Alvin Cox, Bill Voorhees | PDF (171628) |

| | | | |
|----------|--|-----------------|--------------------------------|
| 14-199r0 | FCI July 2014 T10 199r0 meeting Drive Connector Performance | Donald Harper | PDF (12621197) |
| 14-200r0 | SAS 4 Passive Copper Cable Data | Darian Schulz | PDF (2182077) |
| 14-201r0 | SSC-5 Working Group Report to Plenary, July 2014 | Curtis Ballard | PDF (22644) |
| 14-202r0 | Molex SAS-4 Connector Development Status | Cong Gao | PDF (7663823) |
| 14-203r0 | STA - T10 Liaison Report July 17, 2014 | Marty Czekalski | PDF (206758) |
| 14-204r0 | Agenda for T10 Meeting #123 | John Lohmeyer | PDF (15276) |
| 14-205r0 | T10 Project Summary - July 2014 | John Lohmeyer | PDF (30011) |
| 14-206r0 | Jeopardy Letter for September 2014 meeting | John Lohmeyer | PDF (30120) |
| 14-208r0 | SAS-4, SFF-9654 Overview | Barry Olawsky | PDF (79754) |
| 14-209r0 | Meeting Announcement: T10 Week Nov 3-7, 2014 -- Santa Rosa, CA | Dan Colegrove | PDF (23110) |

| Description | Rev PL / Editor | File Size |
|--|--------------------|-------------------------------|
| SCSI Architecture Model - 5 (SAM-5) | 17 George Penokie | PDF (1765857) |
| SCSI / ATA Translation - 3 (SAT-3) | 05c Neil Wanamaker | PDF (1600356) |
| SCSI / ATA Translation - 3 (SAT-3) | 05d Neil Wanamaker | PDF (1630919) |
| SCSI / ATA Translation - 3 (SAT-3) | 05e Neil Wanamaker | PDF (1788436) |
| SCSI Block Commands - 4 (SBC-4) | 02 William Martin | PDF (2885166) |
| Security Features for SCSI Commands (SFSC) | 00 Ralph Weber | PDF (728263) |
| SCSI Primary Commands - 4 (SPC-4) | 37a Ralph Weber | PDF (4262082) |
