

2012 T10 Mailing #4

Announce	Description	File Type and Size
jbl1204	Memorandum from the Chairman	PDF (17238)
sy1204	Table of Contents	PDF (n/a)
ann-m111	Meeting Notice: Sep 10-14, 2012 Westborough, MA	PDF (59219)
ann-m112	Meeting Notice: Nov 5-9, 2012 Tucson, AZ	PDF (11140)
map-m111	Meeting Map: Sep 10-14, 2012 Westborough, MA	PDF (31703)

Document Number	Description	Author	File Type and Size
11-229r5	SBC-4 SPC-5 Atomic writes and reads	Rob Elliott and Ashish Batwara	PDF (287257)
11-239r2	Channel compliance points and lengths	Mickey Felton	PDF (557857)
11-362r9	SOP Work List	Curtis Stevens	PDF (102446)
11-396r0	SOP: PCI Express Miscellanea	Richard Solomon	PDF (60242)
11-396r1	SOP: PCI Express Miscellanea	Richard Solomon	PDF (57856)
11-397r1	PQI: PCI Express Miscellanea	Richard Solomon	PDF (60631)
11-397r2	PQI: PCI Express Miscellanea	Richard Solomon	PDF (60321)
11-404r2	SOP - Annex B	Kevin Marks	PDF (35564)
11-416r9	SAS PHY: End-to-End Compliance Methodology and Specification	Mathieu Gagnon	PDF (628113)
11-451r8	PQI Worklist	le Wei Njoo and Tim Symons	PDF (33507)
11-451r8	PQI Worklist	le Wei Njoo and Tim Symons	XLS (44544)
11-451r9	PQI Worklist	le Wei Njoo and Tim Symons	PDF (33479)
11-451r9	PQI Worklist	le Wei Njoo and Tim Symons	XLS (45056)
11-478r5	SSC-4: Letter Ballot Comment Database	David Peterson	PDF (3006642)
12-029r3	SAM-5 Command and Task Management Function architecture model	Rob Elliott	PDF (449329)
12-029r4	SAM-5 Command and Task Management Function architecture model	Rob Elliott	PDF (454033)
12-034r2	Multi-characteristic Device Commands for SCSI	Gerald Houlder	PDF (349543)
12-038r4	PQI Interrupt Coalescing	David Geddes	PDF (40160)
12-038r5	PQI Interrupt Coalescing	David Geddes	PDF (59836)
12-038r6	PQI Interrupt Coalescing	David Geddes	PDF (41836)
12-038r7	PQI Interrupt Coalescing	David Geddes	PDF (42133)
12-038r8	PQI Interrupt Coalescing	David Geddes	PDF (42074)
12-077r3	T13 Liaison Report to T10	Dan Colegrove	PDF (30528)
12-086r3	SBC-4 SPC-5 Scattered writes, optionally atomic	Rob Elliott and Ashish Batwara	PDF (178036)

12-087r3	SBC-4 SPC-5 Gathered reads, optionally atomic	Rob Elliott and Ashish Batwara	PDF (177502)
12-088r7	PQI Reset register	le-Wei Njoo	PDF (320225)
12-088r8	SOP PQI Reset	le-Wei Njoo	PDF (325878)
12-088r9	SOP PQI Reset	le-Wei Njoo	PDF (324623)
12-093r1	SOP Device server error handling	Dan Colegrove	PDF (23813)
12-093r2	SOP Device server error handling	Dan Colegrove	PDF (40623)
12-107r2	SSC-4: HPQ request for consideration of late letter ballot comments	Curtis Ballard	PDF (205545)
12-189r2	SAM-5 ABORT TASK with overlapped commands	Rob Elliott	PDF (266076)
12-193r5	SOP Bridge error responses	Rob Elliott	PDF (291974)
12-193r6	SOP Bridge error responses	Rob Elliott	PDF (286788)
12-193r7	SOP Bridge error responses	Rob Elliott	PDF (288423)
12-194r7	PQI Device Status register and Error Data register	le-Wei Njoo	PDF (405601)
12-194r8	PQI Device Status register and Error Data register	le-Wei Njoo	PDF (408786)
12-194r9	PQI Device Status register and Error Data register	le-Wei Njoo	PDF (401688)
12-196r1	SPL-3: Carryover actions from SPL-2 letter ballot	George Penokie	PDF (59293)
12-212r4	PQI Memory Alignments	Brad Besmer	PDF (150787)
12-220r3	SBC-3: Sanitize operation definition clarification and expansion>	Mark Evans	PDF (37430)
12-225r1	SBC-3 Clarify behavior when unable to unmap	Curtis Ballard	PDF (160688)
12-225r2	SBC-3 Clarify behavior when unable to unmap	Curtis Ballard	PDF (164916)
12-226r1	SAS-3 12 Gbps transmitter requirement updates	Alvin Cox	PDF (332752)
12-236r1	Minutes of SAT Working Group - May 7, 2012	Weber & Lohmeyer	HTM (28929)
12-236r1	Minutes of SAT Working Group - May 7, 2012	Weber & Lohmeyer	PDF (87772)
12-242r2	SAS-3 Transmitter device compliance	Mathieu Gagnon	PDF (244460)
12-242r3	SAS-3 Transmitter device compliance	Mathieu Gagnon	PDF (180549)
12-242r4	SAS-3 Transmitter device compliance	Mathieu Gagnon	PDF (89151)
12-242r5	SAS-3 Transmitter device compliance	Mathieu Gagnon	PDF (89649)
12-243r2	SAS-3 TxRx connection compliance	Mathieu Gagnon	PDF (360290)
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12-243r4	SAS-3 TxRx connection compliance	Mathieu Gagnon	PDF (236323)
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12-244r2	SAS-3 Receiver device compliance	Mathieu Gagnon	PDF (357553)
12-244r3	SAS-3 Receiver device compliance	Mathieu Gagnon	PDF (313868)
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12-244r5	SAS-3 Receiver device compliance	Mathieu Gagnon	PDF (317639)
12-245r1	SSC-4: Informational Exceptions Control mode page	Curtis Ballard	PDF (147589)
12-245r2	SSC-4: Informational Exceptions Control mode page	Curtis Ballard	PDF (135023)
12-246r1	SBC-3: VERIFY SAME command	Frederick Knight	PDF (162531)
12-247r1	A second way to express a hierarchy of logical unit numbers in SAM-5	Ralph Weber	PDF (173935)
12-248r1	SAT-3: VERIFY SAME Translation	Frederick Knight	PDF (116994)
12-251r2	SPL-3 Persistent Connection	George Penokie	PDF (617670)
12-251r3	SPL-3 Persistent Connection	George Penokie	PDF (590523)
12-252r2	SAS-3 Compliance and measurement points	Mathieu Gagnon	PDF (102730)
12-260r0	SSC-4: Status Report - May 2012	David Peterson	PDF (20988)
12-262r1	Minutes of SOP-PQI Working Group - 10-11 May 2012	Rob Elliott	PDF (155729)
12-268r0	Results of Letter Ballot on forwarding SPC-4 to First Public Review	John Lohmeyer	PDF (1619721)
12-268r0	Results of Letter Ballot on forwarding SPC-4 to First Public Review	John Lohmeyer	TXT (671319)
12-270r0	Fix for REPLACE LOST RESERVATION SPC-4 letter ballot comment	Ralph Weber	PDF (30989)
12-270r1	Fix for REPLACE LOST RESERVATION SPC-4 letter ballot comment	Ralph Weber	PDF (32100)
12-270r2	Fix for REPLACE LOST RESERVATION SPC-4 letter ballot comment	Ralph Weber	PDF (31471)
12-270r3	Fix for REPLACE LOST RESERVATION SPC-4 letter ballot comment	Ralph Weber	PDF (31709)
12-270r4	Fix for REPLACE LOST RESERVATION SPC-4 letter ballot comment	Ralph Weber	PDF (32309)
12-271r1	PQI administrator function error handling with SOP coordination	Rob Elliott	PDF (405932)
12-271r2	PQI administrator function error handling with SOP coordination	Rob Elliott	PDF (406805)
12-272r0	SBC-3 SAT-3 Obsolete WRITE SAME command LBDATA and PBDATA bits	Rob Elliott	PDF (157794)
12-273r0	SBC-3 SAT-3 Obsolete FORMAT UNIT command IP MODIFIER field	Rob Elliott	PDF (228141)
12-274r0	SBC-4 Obsolete FORMAT UNIT command SI bit	Rob Elliott	PDF (205360)
12-275r0	SBC-3 Obsolete XOR Control mode page	Rob Elliott	PDF (110880)

12-276r0	PQI Interrupt Coalescing time granularity	Satish Vasudeva	PDF (94096)
12-276r1	PQI Interrupt Coalescing time granularity	Satish Vasudeva	PDF (95179)
12-276r2	PQI Interrupt Coalescing time granularity	Satish Vasudeva	PDF (123759)
12-277r0	Minutes of SAS PHY Working Group conference call May 24, 2012	Alvin Cox	PDF (23166)
12-278r0	Minutes of SAS PHY Working Group conference call May 31, 2012	Mickey Felton	PDF (124679)
12-279r0	PQI Interrupt Coalescing for multiple OQs sharing the same MSI-X	le-Wei Njoo	PDF (81486)
12-279r1	PQI Interrupt Coalescing for multiple OQs sharing the same MSI-X	le-Wei Njoo	PDF (102733)
12-280r0	SPC-4 Designators for Target Port Identifiers	Ralph Weber	PDF (102510)
12-280r1	SPC-4/SOP Designators for Target Port Identifiers	Ralph Weber	PDF (109819)
12-281r0	EMI discussions in which Re-copy/post of Mike Jenkins work	Mickey Felton	PDF (545698)
12-281r1	EMI discussions in which Re-copy/post of Mike Jenkins work	Mickey Felton	PDF (817620)
12-282r0	SBC-3 Allow verify operations on unmapped LBAs	Rob Elliott	PDF (259427)
12-283r0	SBC-3 REASSIGN BLOCKS simplifications for logical block provisioning	Rob Elliott	PDF (148975)
12-283r1	SBC-3 REASSIGN BLOCKS simplifications for logical block provisioning	Rob Elliott	PDF (149866)
12-284r0	Minutes of SAS PHY Working Group conference call June 7, 2012	Mickey Felton	PDF (168026)
12-285r0	SOP Cleanup Configuration TBDs and Editor notes	Brad Besmer	PDF (65759)
12-285r1	SOP Cleanup Configuration TBDs and Editor notes	Brad Besmer	PDF (71555)
12-286r0	PQI - Expanding the WAIT FOR REARM field in CREATE OPERATIONAL OQ request	le-Wei Njoo	PDF (149245)
12-286r1	PQI - Adding vendor specific field in the administrator request IU and parameter	le-Wei Njoo	PDF (173147)
12-286r2	PQI - Adding vendor specific field in the administrator request IU and parameter	le-Wei Njoo	PDF (201860)
12-287r0	PQI - Interrupt Coalescing when multiple OQs share an interrupt vector	David Geddes	PDF (54700)
12-288r0	Minutes of SOP-PQI Working Group - 13-15 June 2012	Rob Elliott	PDF (183152)
12-289r0	SOP Work List	Curtis Stevens	PDF (106584)
12-289r1	SOP Work List	Curtis Stevens	PDF (98901)
12-289r2	SOP Work List	Curtis Stevens	PDF (99352)
12-290r0	SOP r3b review comments for Longmont WG discussion	Ralph Weber	PDF (206322)
12-291r0	PQI CI and PI initialization during queue creation	Stephen Finch	PDF (19258)
12-291r1	PQI CI and PI initialization during queue creation	Stephen Finch	PDF (38861)
12-292r0	PQI Device Status register, PQI Device Error Register and PQI Device Error Data	le-Wei Njoo	PDF (396657)
12-293r0	SAS PHY: End-to-End Compliance Methodology and Specification	Mathieu Gagnon	PDF (456407)

12-293r1	SAS PHY: End-to-End Compliance Methodology and Specification	Mathieu Gagnon	PDF (430523)
12-293r2	SAS PHY: End-to-End Compliance Methodology and Specification	Mathieu Gagnon	PDF (377672)
12-293r3	SAS PHY: End-to-End Compliance Methodology and Specification	Mathieu Gagnon	PDF (380831)
12-294r0	Complete the Definition of Incorrect Logical Unit Numbers in SAM-5	Ralph Weber	PDF (43206)
12-294r1	Complete the Definition of Incorrect Logical Unit Numbers in SAM-5	Ralph Weber	PDF (44176)
12-294r2	Complete the Definition of Incorrect Logical Unit Numbers in SAM-5	Ralph Weber	PDF (43949)
12-295r0	PQI - changes to CONFIGURE OPERATIONAL OQ PROPERTIES request	Ie-Wei Njoo	PDF (92971)
12-295r1	PQI - changes to CONFIGURE OPERATIONAL OQ PROPERTIES request	Ie-Wei Njoo	PDF (120625)
12-296r0	Minutes of SAS PHY Working Group conference call June 14, 2012	Alvin Cox	PDF (23393)
12-297r0	PQI Work Item List	Ie-Wei Njoo	PDF (34729)
12-297r1	PQI Work Item List	Ie-Wei Njoo	PDF (34578)
12-297r1	PQI Work Item List	Ie-Wei Njoo	XLS (45056)
12-298r0	SAS-3 Active Cable Output Amplitude	Gourgen Oganessyan	PDF (211510)
12-298r1	SAS-3 Active Cable Output Amplitude	Gourgen Oganessyan	PDF (130322)
12-298r2	SAS-3 Active Cable Output Amplitude	Gourgen Oganessyan	PDF (311753)
12-299r0	SAS-3 addition of SFF-8639 receptacle connector	Alvin Cox	PDF (96123)
12-299r1	SAS-3 addition of SFF-8639 receptacle connector	Alvin Cox	PDF (481864)
12-299r2	SAS-3 addition of SFF-8639 receptacle connector	Alvin Cox	PDF (721798)
12-300r0	Minutes of SAS PHY Working Group conference call June 21, 2012	Alvin Cox	PDF (27682)
12-301r0	Features for ADC-4	Paul Suhler	PDF (29027)
12-301r1	Features for ADC-4	Paul Suhler	PDF (29820)
12-302r0	SAM-5 ACA table rewrite	Rob Elliott	PDF (166980)
12-302r1	SAM-5 ACA table rewrite	Rob Elliott	PDF (376170)
12-303r0	SPL-3: NOTIFY (POWER LOSS EXPECTED) Clarification	Bill Voorhees	PDF (56272)
12-303r1	SPL-3: NOTIFY (POWER LOSS EXPECTED) Clarification	Bill Voorhees	PDF (56850)
12-304r0	SAM-5 Command State state machine rewrite	Rob Elliott	PDF (243807)
12-305r0	SOP: SOP architecture model corrections	Mark Evans	PDF (138534)
12-305r1	SOP: SOP architecture model corrections	Mark Evans	PDF (196767)
12-305r2	SOP: SOP architecture model corrections	Mark Evans	PDF (183472)
12-305r3	SOP: SOP architecture model corrections	Mark Evans	PDF (188922)

12-306r0	SPC-4 SBC-3 Allow fixed descriptor format sense data	Rob Elliott	PDF (255658)
12-307r0	SOP Initiator and target mode terminology clarifications	Rob Elliott	PDF (351768)
12-307r1	SOP Initiator and target mode terminology clarifications	Rob Elliott	PDF (354928)
12-308r0	SOP Received TMF Executed Service Response cleanup	Rob Elliott	PDF (138105)
12-309r0	SOP IU and element clarification	Rob Elliott	PDF (137098)
12-309r1	SOP IU and element clarification	Rob Elliott	PDF (139267)
12-310r0	SAS-3 Mini SAS HD 4i fanout cable assembly wiring diagrams	Michael Rost	PDF (371167)
12-311r0	SPC-4 Letter Ballot Comment Resolutions	Ralph Weber	PDF (8002411)
12-311r0	SPC-4 Letter Ballot Comment Resolutions	Ralph Weber	PDF (1490953)
12-311r1	SPC-4 Letter Ballot Comment Resolutions	Ralph Weber	PDF (8193516)
12-311r1	SPC-4 Letter Ballot Comment Resolutions	Ralph Weber	PDF (1653183)
12-312r0	SAS-3 Reference TxRx connection segments	Mathieu Gagnon	PDF (92307)
12-312r1	SAS-3 Reference TxRx connection segments	Mathieu Gagnon	PDF (136500)
12-312r2	SAS-3 Reference TxRx connection segments	Mathieu Gagnon	PDF (135971)
12-313r0	SOP Editorial Updates to Rev 3b pt1	Curtis Stevens	PDF (2190347)
12-314r0	SOP Editorial Updates to Rev 3b pt2	Curtis Stevens	PDF (1941248)
12-315r0	SPL-3: Fixes Resulting from SPL-2 Letter Ballot Comments	George Penokie	PDF (74634)
12-315r1	SPL-3: Fixes Resulting from SPL-2 Letter Ballot Comments	George Penokie	PDF (75111)
12-316r0	SPL-3: SMP Open Priority	George Penokie	PDF (72622)
12-317r0	Project Proposal: SOP-2 Project Proposal	Curtis Stevens	PDF (84095)
12-317r1	Project Proposal: SOP-2 Project Proposal	Curtis Stevens	PDF (84456)
12-317r2	Project Proposal: SOP-2 Project Proposal	Curtis Stevens	PDF (84365)
12-318r0	SOP-2 Work List	Curtis Stevens	PDF (72288)
12-319r0	Project Proposal: PCIe# architecture Queuing Interface - 2 (PQI-2)	Curtis Stevens	PDF (20879)
12-319r1	Project Proposal: PCIe# architecture Queuing Interface - 2 (PQI-2)	Curtis Stevens	PDF (20739)
12-320r0	SBC-3 LBA OUT OF RANGE cleanup	Rob Elliott	PDF (157084)
12-320r1	SBC-3 LBA out of range and transfer length cleanup	Rob Elliott	PDF (164470)
12-321r0	SSC-4: Response to LB #IBM-39 - WORM mode	Kevin Butt	PDF (43272)
12-321r1	SSC-4: Response to LB #IBM-39 - WORM mode	Kevin Butt	PDF (52588)
12-322r0	Minutes SSC-4 July 2012	Kevin Butt	PDF (93072)
12-323r0	Resolution for SPC-4 Letter Ballot comments LSI-67 and LSI-68	Ralph Weber	PDF (80527)
12-324r0	Editorial Updates to SOP Rev 3c	Curtis Stevens	PDF

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12-325r0	Minutes of CAP Working Group - Jul 16-17, 2012	Weber & Lohmeyer	HTM (74910)
12-325r0	Minutes of CAP Working Group - Jul 16-17, 2012	Weber & Lohmeyer	PDF (173097)
12-326r0	Minutes of SAS Protocol Working Group - Jul 18, 2012	Weber & Lohmeyer	HTM (33839)
12-326r0	Minutes of SAS Protocol Working Group - Jul 18, 2012	Weber & Lohmeyer	PDF (96213)
12-327r0	Minutes of T10 Plenary Meeting #110 - Jul 19, 2012	Weber & Lohmeyer	HTM (142617)
12-327r0	Minutes of T10 Plenary Meeting #110 - Jul 19, 2012	Weber & Lohmeyer	PDF (297075)
12-328r0	T11 Liaison Report June 2012	Steven Wilson	PDF (25369)
12-329r0	Editorial updates to SOP Rev 3d	Curtis Stevens	PDF (2107341)
12-331r0	SOP SPC-4 Partial I_T nexus loss handling	Rob Elliott	PDF (133886)
12-331r1	SOP SPC-4 Partial I_T nexus loss handling	Rob Elliott	PDF (132271)
12-332r0	Non Volatile Memory Storage Devices	Walt Hubis	PDF (170635)
12-333r0	SPC-4 MODE SENSE (6) with more than 256 bytes of data	Rob Elliott	PDF (128294)
12-334r0	SSC-4: Resolution to LB #IBM-115 to #IBM-118	Kevin Butt	PDF (36881)
12-336r0	SAS-3 De-embedding to ET	Mathieu Gagnon	PDF (117318)
12-337r0	Minutes of SAS Physical Working Group - Jul 17, 2012	Alvin Cox, Bill Voorhees	PDF (50434)
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12-339r0	Minutes of SOP-PQI Working Group - 18-19 July 2012	Rob Elliott	PDF (147252)
12-340r0	PQI Memory Alignment for SGL Segment Descriptors	Brad Besmer	PDF (101819)
12-340r1	PQI Memory Alignment for SGL Segment Descriptors	Brad Besmer	PDF (105880)
12-341r0	MDC comparison with Access hints	Gerald Houlder	PDF (49878)
12-342r0	SOP Add vendor specific bytes to REPORT BRIDGE LOCAL PORT DETAILS	Rob Elliott	PDF (93747)
12-343r0	STA - T10 Liaison Report July 19, 2012	Marty Czekalski	PDF (116675)
12-344r0	Agenda for T10 Meeting #111 September 13, 2012	John Lohmeyer	PDF (15129)
12-345r0	T10 Project Summary - July 2012	John Lohmeyer	PDF (30000)
12-346r0	Jeopardy Letter for September 2012 meeting	John Lohmeyer	PDF (31052)
12-347r0	SPL-3: CDB Length Error Fix	George Penokie	PDF (70488)
12-348r0	Meeting Announcement: T10 Week Nov 5-9, 2012 -- Tucson, AZ	Chris Lyon	PDF (11140)
12-349r0	Minutes of SAS PHY Working Group conference call July 26, 2012	Alvin Cox	PDF (25225)
12-350r0	Letter Ballot on forwarding PQI to First Public Review	John Lohmeyer	PDF (34301)

Description	Rev PL / Editor	File Size
PCIe(r) architecture Queuing Interface (PQI) 05a	Ie-Wei Njoo	PDF (1608008)
PCIe(r) architecture Queuing Interface (PQI) 05b	Ie-Wei Njoo	PDF (1691470)

PCIe(r) architecture Queuing Interface (PQI)	06	Ie-Wei Njoo	PDF (1783241)
Serial Attached SCSI - 3 (SAS-3)	02	Alvin Cox	PDF (2783978)
Serial Attached SCSI - 3 (SAS-3)	02	Alvin Cox	ZIP (3595391)
Serial Attached SCSI - 3 (SAS-3)	02a	Alvin Cox	PDF (2786263)
Serial Attached SCSI - 3 (SAS-3)	02a	Alvin Cox	ZIP (3595391)
SCSI Block Commands - 3 (SBC-3)	31	Mark Evans	PDF (2313068)
SCSI over PCIe(r) architecture (SOP)	03a	Curtis Stevens	PDF (2063271)
SCSI over PCIe(r) architecture (SOP)	03b	Curtis Stevens	PDF (1936952)
SCSI over PCIe(r) architecture (SOP)	03c	Curtis Stevens	PDF (1952478)
SCSI over PCIe(r) architecture (SOP)	03d	Curtis Stevens	PDF (1954519)
SCSI Primary Commands - 4 (SPC-4)	36b	Ralph Weber	PDF (4309808)
SCSI Primary Commands - 4 (SPC-4)	36c	Ralph Weber	PDF (4309652)
SCSI Stream Commands - 4	02a	Dave Peterson	PDF (4302561)
