

Minutes CU4HDDSGArchitecture AdHoc meeting 27 August

Prepared by Peter Jones

Proposed Agenda:

1. Agenda/Admin Yong Kim
2. Mr. Peter Jones, Cisco, volunteered to record minutes.

Presentations posted at:

<http://grouper.ieee.org/groups/802/3/CU4HDDSG/public/archadhoc/>

Agenda/Admin Yong Kim:

Meeting began at ~9:05 am PST

1. Reviewed the Attendance information related to the ad hoc.
2. Reminded attendees of patent policy.
3. Reminded participants to indicate full names and employer/affiliation correctly for the
4. Presented the proposed agenda.
 - a. Approved without objection.

Presentations/Discussion.

Strawman CSD for consideration– Yong Kim, Broadcom, et al

- Some general discussion about location & access to SG web page/docs.
- Slide 6 “Broad Market Potential”
 - On Market Projection Graph: Is “SAS Object Drives” or just “SAS Drives” that are represented? Need to clarify by referencing back to the market research source.
 - “Object Storage Drives (Millions units)” – can we defend the chart? Is this objective research, or what we hope to happen? Leave the graph or remove it? Removed.
 - In general BMP needs some more refinement.
- Slide 8 “Distinct Identity”
 - “backplane and copper cable at 2.5 Gb/s and 5 Gb/s rates”, clarify what type of copper cable so as not to run into 802.3bz BASE-T copper cables.
- Slide 9 “Technical Feasibility”
 - <none>
- Slide 10 “Economic Feasibility”
 - “optimal balance of system cost...” – encoring and need some contributions to back this up – rationale for standardizing intermediate speed between 1G and 10G

Objectives for consideration – Anthony Calbone, Seagate

- Slide 2 “Objectives (“foundational”)”
 - <none>
- Slide 3 “Objectives (“project-specific”)”

- Strawman starting points to discuss, expect this to be a slide of great interest.
- Copper cable objective “copper 24 AWG Mini SAS cables, with reach up to 10 meters or TBD.”, needs clarification of use cases, proposals for cabling.

Other Discussion/Observations:

- <http://grouper.ieee.org/groups/802/3/CU4HDDSG/public/archadhoc/> link broken for “Strawman PAR for consideration ” – fixed post meeting.
- PAR draft contribution deferred to the next ad hoc call.

Meeting closed – 10:03am PST

Attendees (from Webex + emails)

Name	Affiliation	Attended 8/27/15
Anthony Calbone	Seagate	X
Ajith Chandrian	Cisco	X
Alvin Cox	Seagate	X
Bogdan Tenea	Ixia	X
David Chalupsky	Intel	X
Dylan Walker	Walker	X
Hamza Rahman	Dell	X
Hossein Sedarat	Aquantia	X
Jacky Chang	HP	X
Larry McMillan	Western Digital	X
Mark Carlson	Toshiba	X
Marty Czekalski	HGST	X
Paul Tran	Marvell	X
Paul Wassenberg	Marvell	X
Peter Jones	Cisco	X
Rami Zemach	Marvell	X
Santanu Sinha	Broadcom	X
Scott Kipp	Brocade	X
Tom Skaar	Seagate	X
Vivek Telang	Broadcom	X
William Lo	Marvell	X
Yaron Zimmerman	Marvell	X
Yong Kim	Broadcom	X
Attendee count		24