# Minutes CU4HDDSGArchitecture AdHoc meeting 2015-09-03

Prepared by Yong Kim

## Proposed Agenda:

1. Agenda/Admin        Yong Kim
2. Yong Kim volunteered  to take the minutes (noted that this meeting to be presentation oriented and would not be a challenge).

## 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.
5. Unapproved minutes of 2015-08-27 meeting – approved without any modification.

## Presentations/Discussion.

### Outline of work, needed to leveraging existing clauses for 2.5/5GBASE for backplane – William Lo, Marvell

- Mr. Lo presented all the existing clauses that could be referenced.
- Slide 4– Some Clause changes are simple and "trivial changes"
- Slide 6 PCS – most content change and need due-considerations.  Leveraging 1000BASE-X (CL36) or 10GBASE-R (CL49).   "1000BASE-X a good choice for 2.5G, and 10GBASE-R for 5G".
  - o Main topic during discussion.
  - o Potential "Big Ticket" item.. perhaps only one (so far, anyway).
  - o Feasibility, preference, etc on 8B/10B and 64/66B uses in respective speeds.

### PAR for consideration – Yong Kim, Anthony Calbone, Seagate

- Various PAR fields covered.  Presenters noted that contents in red font text may change.
  - o Some English corrections, typos, etc, done, during the presentation (thank you!).
- Slide 5 "Need for the standard"
  - o Major and clear need from object cloud HDD market stated explicitly.

### Other Discussion/Observations:

- List of "encouraged" presentation topic shown in Sept 3, 2015 Agenda and Info.

Meeting closed – 10:00 am PST

## Attendees (from Webex + emails)

| Name | Affiliation | Attended 8/27/15 | Attended 9/03/15 |
|------|-------------|------------------|------------------|
| Abbas Ghani | Ericsson | | X |
| Anthony Calbone | Seagate | X | X |
| Ajith Chandrian | Cisco | X | |
| Alvin Cox | Seagate | X | X |
| Bogdan Tenea | Ixia | X | X |
| David Chalupsky | Intel | X | X |
| Dylan Walker | Walker | X | |
| Hamza Rahman | Dell | X | X |
| Hossein Sedarat | Aquantia | X | |
| Jacky Chang | HP | X | |
| John D'Ambr | DELL | | X |
| Larry McMillan | Western Digital | X | X |
| Mark Carlson | Toshiba | X | |
| Marty Czekalski | HGST | X | X |
| Paul Tran | Marvell | X | |
| Paul Suhler | HGST | | X |
| Paul Wassenberg | Marvell | X | |
| Peter Jones | Cisco | X | X |
| Rami Zemach | Marvell | X | X |
| Santanu Sinha | Broadcom | X | |
| Scott Kipp | Brocade | X | X |
| Tom Skaar | Seagate | X | X |
| Vivek Telang | Broadcom | X | |
| William Lo | Marvell | X | |
| Yaron Zimmerman | Marvell | X | |
| Yong Kim | Broadcom | X | X |
| | | | |
| Attendee count | | 24 | 15 |