

Minutes (Unapproved)  
Microprocessor Standards Committee  
Tuesday, 13 October 2020, 11:00 EST to 12:00 EDT

1. ***Introduction and Roll Call***

Leonard Tsai

Ashley Butterworth

David Hough

Kiran Gunnam

Nathalie Revol

Tom Thompson (IEEE Staff)

2. ***Approval of previous meeting minutes***

Approved by consensus

3. ***Approval of Agenda***

Approved by consensus

4. ***Some overall news:***

\* ***The IEEE SA Standards board approved the 1394 revision PAR. (Next steps?)***

– Ashley is now officially listed as chair; IEEE editorial staff will assist in putting the legacy document into its current form.

– Leonard volunteers to help with the review.

– Tom says he doesn't foresee any big problems on the IEEE staff end.

– Tom will get the ball going, and Ashley will stand by in case his action is needed.

\* ***We approved Kieran Tyrrell (by email consensus) to be the P1722.1 elections administrator.***

\* ***We should be able to vote on advancing the P1722.1 revision to Sponsor Ballot soon. (Actions required?)***

– Ashley says it will be one to two months. (It will be before or around the next telecon time.) PAR will be active until December 31, 2021.

\* ***Other actions? (Please present in working group reports.)***

None heard.

\* **Is everyone happy with WebEx? (Alternatives?)**

(WebEx is preferred by those expressing an opinion.)

(All in all, WebEx seems best.)

## **5. Working group Reports**

### **a. P754 Standard for Floating Point Arithmetic - David Hough**

– David: There was a minor question about a possible future patent; it was passed to appropriate IEEE personnel . Tom says we acted appropriately, and no action is required at present.

– David: So far, no one interested in becoming chair.

Baker: Possibly bring up recruitment of a chair at the SAB meeting;

David: someone knowledgeable with a definite idea of a direction; someone without expertise may not be appropriate. Not a small commitment. Someone actively involved in the technology, e.g. machine learning.

Kiran: Get companies to come to a single floating point standard.

Leonard: Already large investments

Leonard: many AI companies already made large investments into proprietary silicon architecture and would not disclose their specific details as they consider this as unique advantage. So, trying to bring them to agree on a common format will take effort.

Kiran: different floating point for machine learning than for general computing.

Kiran will check with his management to see if he can take the initiative and volunteer as P754 chair.

Leonard: We'll need to start now.

### **b. P1394 revision Standard for High Performance Serial Bus - Ashley Butterworth; Thomas Thompson.**

P1394 was discussed under “News” at the beginning of the telecon.

### **c. P1722 Layer 2 transport protocol for time sensitive streams (Dave Olsen)**

Dave could not attend, but reported the following by email prior to the telecon:

1722 Status is as follows:

- Working group is meeting weekly.
- Working group has started work on a draft revision.
- The first task group ballots are currently in progress.
- Nothing is needed from the MSC at this point.

d. **P1722.1 Device Discovery, Enumeration ... - Richard Bugg**

See the notes in these minutes under "News" at the beginning;

P1722.1 is meeting weekly; Baker needs to add Richard to the MSC mailing list.

(post-telecon note: Baker checked; [richard\\_bugg@mac.com](mailto:richard_bugg@mac.com) has been subscribed since September 3.)

e. **P1788 - Interval Arithmetic - Nathalie Revol**

no activity.

f. **Power Adapter for Mobile Devices (UPAMD) - Leonard Tsai**

Leonard lost contacts, and is trying to motivate interest.

g. **P2200 High quality Mobile Experience Working Group - William Fisher**

no report

6. **New Business**

none voiced.

7. **Future meeting schedule**

**(Normally at 11:00 New York time, second Tuesday of the quarter)**

Tuesday, January 12, 2020, 11:00AM New York Time (EST)

Note: Our meetings are via WebEx.

8. **Adjourn**

Leonard motions David seconds; no objections.