

**Date – 7/13/2015**

**Attendees:** CJ Clark, Adam Ley, Bill Tuthill, Bob Gottlieb, Brian Turmelle, Craig Stephan, Dharma Konda, Gobinathan Athimolom, Jon Colburn, Mike Ricchetti,

**Absent with Excuse:** Tapan J Chakraborty,

**Not present for  $\frac{3}{4}$  of meeting:**

**Missing:** Bill Huott, Carol Pyron, Jim Wilson, Kent Ng, Kevin Gorman, Tom Wayers, Heiko Ehrenburg, Dave Armstrong, Roger Sowada, Zahi Abuhanmdeh, Saman Adham, Teresa McLaurin, Philippe Lebourg, Ismed Hartanto, John Braden, Gurgun Harutyunyan, Steve Sunter, Frans de Jong, Dwayne Burek, Marc Hutner, Josh Ferry,

**Agenda:**

- 1) Patent Slides
- 2) Is there further discussion on Clause 6 needed? (no further comments on reflector)
  - Is there a motion to accept Clause 6 as shown in draft V62?
- 3) Discussion on BSDL description/parsing status
- 4) New Business
- 5) Adjourn

**Meeting Called to order at 11:04 am EST**

**Minutes:**

Review Patent Slide – Slides Presented to the Group.

Solicited input from anybody who is aware of patents that might read on our standard.

No other responses noted.

Review of Clause 6

The editor had made updates to clause 6 based on feedback over the last few weeks.

Those that provided feedback were satisfied.

Dharma was satisfied with changes.

Motion - Bill – To accept changes in Clause 6 of draft V62 subject to further editorial work as needed.

Seconded – Bob

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Yes- 8

Bill T. Craig S Jon C  
Bob G. Dharma K Mike R  
Brian T. Gobinathan A

No - 0

Abstain - 1

Adam L.

8/0/1

Motion passes

Discussion on BSDL description/parsing

Section7 updates

Updated Phy\_string

Added latency\_and\_align

Added latency\_string

Added clock\_string

Updated examples in section 7

No one saw any problems with multiple nested parentheses in the BSDL

No one found the use of the parenthesis with the TXCLOCK cumbersome.

Craig – what was the rational here for the extra parenthesis?

CJ- because these are fixed. No options for variable order to phy\_list

When BOND was added as an optional element, needed some way to delimit from the end LATENCY and the start of the clock vs LATENCY and the start of BOND.. adding the Right Parenthesis the parser was able to understand the list.

No objections noted with the editor continuing with the path for the grammar.

Floor opened to new business

No new business.

**Motion to adjourn: Bob**

**Seconded: Bill**

**Meeting adjourned: 11:32pm EST**

**Next Meeting:**

July 20<sup>th</sup>, 2015 11:00am

***Motion Summary***

***1 motion made***

***To accept changes in Clause 6 of draft V62 subject to further editorial work as needed.***

***Motion passes 8/0/1***

***Action Items***

***Bill Tuthill—10-21-2013—Add minutes and Attendance spreadsheet to the website.  
CJ—11-11-2013—Reach out to ATE industry and Probe Industry to get update on future of ATE equipment to see which data speeds and protocols they are heading towards.***

***Philippe—Look into alternative method to create control information (pause, start, terminate, etc.) rather than using K characters in packet.***

***Bob—create a case study to show use of Attributes***

***Frans—will start some block diagrams of a simple use case to help illustrate the current architecture***

***Dwayne—present to the group his ideas for a simplified scheme—Direct Interface.***

***Adam—invite someone from IEEE to speak on IEEE benefits of standardization at WG meeting***

Call for Essential Patent notes

Adam Ley 12/1/2014

PN, TTL, AN

7348796, METHOD AND SYSTEM FOR NETWORK-ON-CHIP AND OTHER INTEGRATED CIRCUIT ARCHITECTURES, DAFCA INC.

Steve Sunter 11/17/2014

1. US 7610532 "Serializer/de-serializer bus controller interface" Avago, granted 2009
2. US 7739567 "Utilizing serializer-deserializer transmit and receive pads for parallel scan test data" Avago, granted 2010
3. US 8543876 "Method and apparatus for serial scan test data delivery" Altera, granted 2014

NOTES:

1149.10 working group website - <http://grouper.ieee.org/groups/1149/10/>

Here is the WebEx conference link.

<https://meetings.webex.com/collabs/meetings/join?uuid=MAG12PB7HN5W24AM2EOKIOM9KS-KERT>

You can use VOIP on your computer or dial-in using the phone number below.

Audio Connection

+1-415-655-0001

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