Unconfirmed Meeting Minutes: IEEE P802.3bp 1000BASE-T1 Task Force March 9-10, 2015 Berlin

Prepared by Brett McClellan

IEEE P802.3bp 1000BASE-T1 Task Force meeting convened at 01:00 PM, Monday, March 9, 2015 by Steven B. Carlson, 802.3bp Task Force Chair.

Attendance is listed in Appendix A

ADMINISTRATIVE MATTERS

Presentation:http://www.ieee802.org/3/bp/public/mar15/agenda_3bp_0315.pdfPresenter:Steven B. Carlson, Chair.

Appointment of Recording Secretary – Brett McClellan, Marvell The Chair called for introductions and affiliations, and participants introduced themselves. The Chair reviewed the agenda.

Motion #1: Move to accept the agenda.

M: Mehmet Tazebay S:Thomas Hogenmueller Approved by voice vote without objection (Procedural > 50%)

<u>Motion #2:</u> Approve the minutes from the September 2014 meeting (<u>http://www.ieee802.org/3/bp/public/feb15/minutesu_3bp_0215.pdf</u>)

M: Thomas Hogenmueller S: Mehmet Tazebay Approved by voice vote without objection (Procedural > 50%)

Task Force Decorum slide was shown. Chair asked if persons from the press are in the room: No press in the room recognized.

The Chair reviewed the goals for the meeting, access to the reflector and website, and ground rules. Attendance: Chair advised the group of the IEEE meeting attendance tool and procedures, including both the attendance sheet and the web attendance tracking tool.

IEEE Patent Policy: At 1:15PM the Chair asked if everyone in the room saw the patent slides in the opening plenary. The response was yes. Chair made the call for potentially essential patents at 1:16 AM. Call was answered and information will be provided to chair.

The Chair then continued review of the presentation, including overview of the IEEE standards organization and the standards development process.

The Chair presented action items for this meeting

The Chair invited Bob Grow to present at 1:27 PM

Title:	Common problem for 100BASE-T1,1000BASE-T1 and 1000BASE-RH
	(<u>http://www.ieee802.org/3/bp/public/mar15/grow_3bp_02_0315.pdf</u>)
Abstract:	100BASE-T1, 1000BASE-T1 and 1000BASE-RH all have a conflict by specifying both
	MII/GMII and the use of Clause 45 registers but 802.3 includes statements that both MII
	and GMII include use of the Clause 22 management. Bob presented possible solutions.
Presenter:	Bob Grow, RMG Consulting
Discussion:	There was discussion about whether making the needed changes in the Maintenance
	revision will delay the Revision process.

Title:DRAFT Proposed Changes, Clause 22,33,34,35
(http://www.ieee802.org/3/bp/public/mar15/grow_3bp_01_0315.pdf)Abstract:Proposed text for the suggested resolution.Presenter:Bob Grow, RMG Consulting
no questions

Liason letter responses

TR-42 Liaison to IEEE 802.3 Working Group <u>http://ieee802.org/3/minutes/mar15/incoming/TR42-2015-02-051b_to_IEEE_802d3.pdf</u> The Chair presented the proposed response letter.

<u>Motion #3:</u> 802.3bp task forces accepts the draft IEEE_802d3_to_tr42_0315.doc as the response to tr42-2015-02-051b_2_ieee_802_d3.pdf.

M: Brett McClellan S:Thomas Hogenmueller Approved by voice vote without objection (Procedural > 50%)

ISO/IEC JTC 1/SC 25 to IEEE 802.3 on MICE classification http://ieee802.org/3/minutes/mar15/incoming/SC25_N2404_to_IEEE802d3_on_MICE_classification.pdf

<u>Motion #4:</u> Move that 802.3bp grant the chair editorial license to respond to 25n2404_LiasonRep_toIEEE802.3onMICEclassification.pdf

M: Thomas Hogenmueller S: Brett McClellan Approved by voice vote without objection (Procedural > 50%)

PRESENTATIONS

The Chair then moved to the presentations for the meeting.

Title: Abstract: Presenter: Discussion:	1000BASE-T1 Registers Proposed Text (http://www.ieee802.org/3/bp/public/mar15/Lo_McClellan_3bp_01a_0315.pdf) Proposed text for Clause 45 registers addressing comments 288, 286, 289, 290, 292, 293, and 307. William Lo, Marvell no questions
Title:	Synchronization State Machine Modification
inte.	(http://www.ieee802.org/3/bp/public/mar15/Lo_3bp_01_0315.pdf)
Abstract:	Proposed changes to the PHY Link Synchronization state machine to enable link between devices that support auto-negotiation and devices that do not.
Presenter:	William Lo, Marvell
Discussion:	There was concern that the state machine appears complicated. Agreed to work offline on an updated proposal.
Title:	Proposed PCS Text for tx_mode=SEND_S (http://www.ieee802.org/3/bp/public/mar15/tu_3bp_01_0315.pdf)
Abstract: Presenter:	Proposed text to define SEND_S signal generation in the PCS addressing comment 306. Mike Tu, Broadcom
Discussion:	There was discussion whether the Link Synchronization functions should reside in the PMA/PCS or as a separate unit in parallel to auto-negotiation.

Break for ad hoc started at 3:30. Task force reconvened at 3:54.

Title: Abstract: Presenter: Discussion:	Proposed Text and Figures for Clause 97.1 (http://www.ieee802.org/3/bp/public/mar15/regev_3bp_01_0315.pdf)) Proposed text and block diagram for front matter addressing comments 256 and 298. Alon Regev, Ixia
Title:	Updated TX PSD Figure 97-28 (http://www.ieee802.org/3/bp/public/mar15/chini_3bp_01_0315.pdf)
Abstract:	Proposed change to figure 97-28 addressing comment 196. Changed start of mask from 20 to 10MHz matching the MDI RL spec.
Presenter: Discussion:	Ahmad Chini, Broadcom
Title:	Proposed baseline texts for 1000BASE-T1 PMD sub clauses (http://www.ieee802.org/3/bp/public/mar15/chini 3bp 2a 0315.pdf)
Abstract: Presenter: Discussion:	Proposed text for PMD sub clauses including electrical limits Ahmad Chini, Broadcom Ahmad asked the task force to review this proposal and provide feedback. The text will be submitted as a comment on draft 1.4.

MEETING RECESSED TO RESUME AT 8AM TUESDAY

THE MEETING RECONVENED TUESDAY MARCH 10, 2015 AT 8:00 AM

Editor's report http://www.ieee802.org/3/bp/public/mar15/8023bp_D13_report.pdf editor recommended reviewing comments that were flagged by task force members and approving the rest in bulk.

EDITOR'S REPORT

Presentation:http://www.ieee802.org/3/bp/public/mar15/8023bpD13report.pdfPresenter:Marek Hajduczenia, Editor.Abstract:Editor recommended reviewing comments that were flagged by task force members and
approving the rest in bulk.

Editor began comment resolution End of comment resolution at 11:25 AM

The Chair stated we plan to request to go to WG ballot in July and presented slides from The Road to WG Ballot (<u>http://www.ieee802.org/3/bp/public/mar15/agenda_3bp_0315.pdf</u>)

Chair reviewed and updated action item list from the February minutes. (http://www.ieee802.org/3/bp/public/feb15/minutesu_3bp_0215.pdf)

<u>Motion 5</u> The IEEE P802.3bp 1000BASE-T1 Task Force accept the comment resolutions to D1.3 as detailed in http://www.ieee802.org/3/bp/comments/8023bp_D13_approved.pdf along with the results of motions accepted at the March 2015 Task Force meeting and charter the editor to produce D1.4 for review and comment.

M: W. Lo S: M Chadha

No discussion

Passed by acclamation 11:44 AM MOTION PASSES

Chair noted that the next Interim meeting is in Pittsburg the week of May 18

LIAISONS Title:

 Title:
 P802.3bu PoDL Report (<u>http://www.ieee802.org/3/bp/public/mar15/dwelley_3bp_01_0315.pdf</u>)

 Abstract:
 Updates to PoDL Clause: 100BASE-T1 low frequency RL spec change, new classification table, new MPS scheme. Draft is now feature complete.

 Presenter:
 Dave Dwelley, Linear Technology

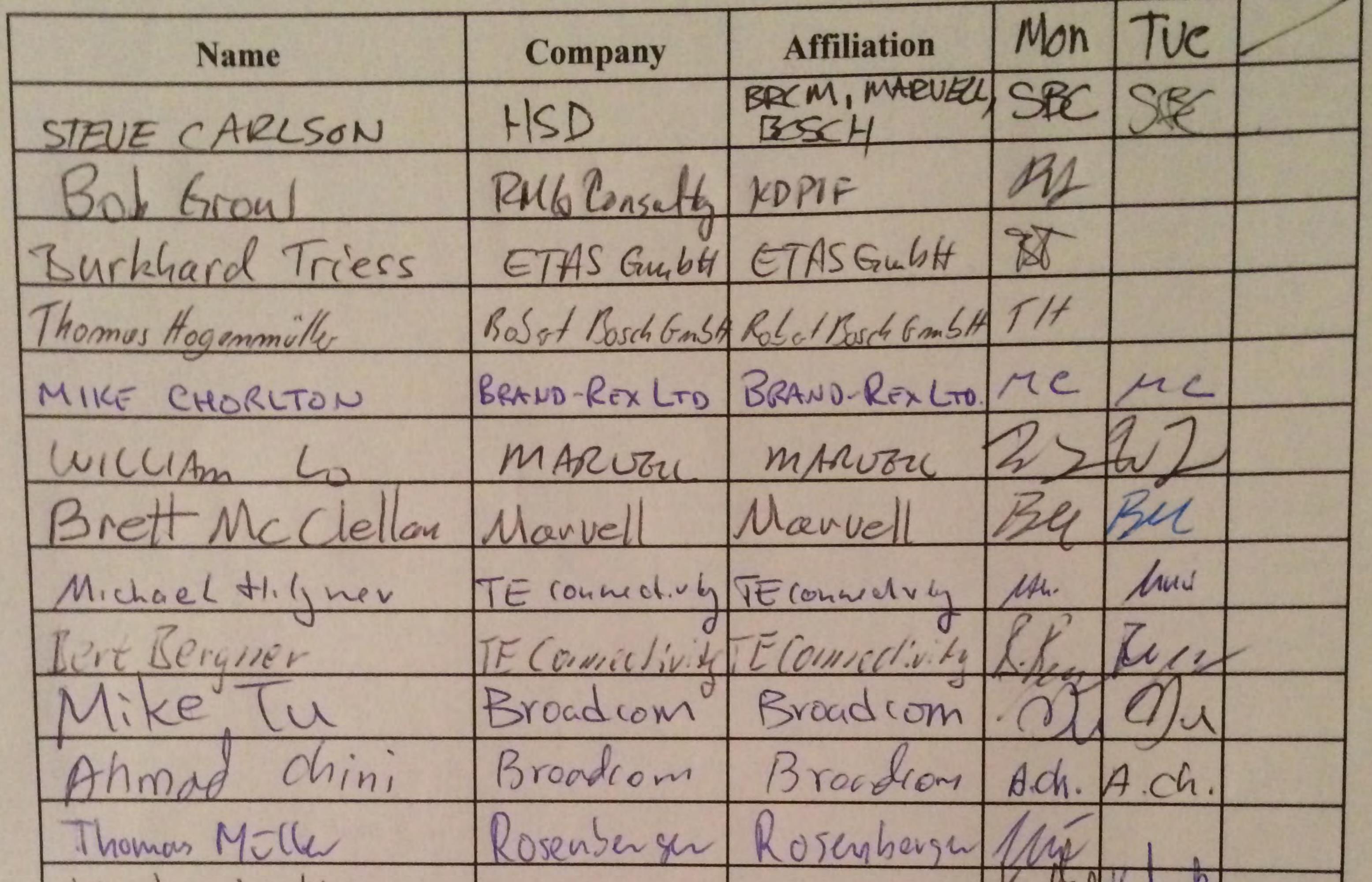
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ADJOURNMENT

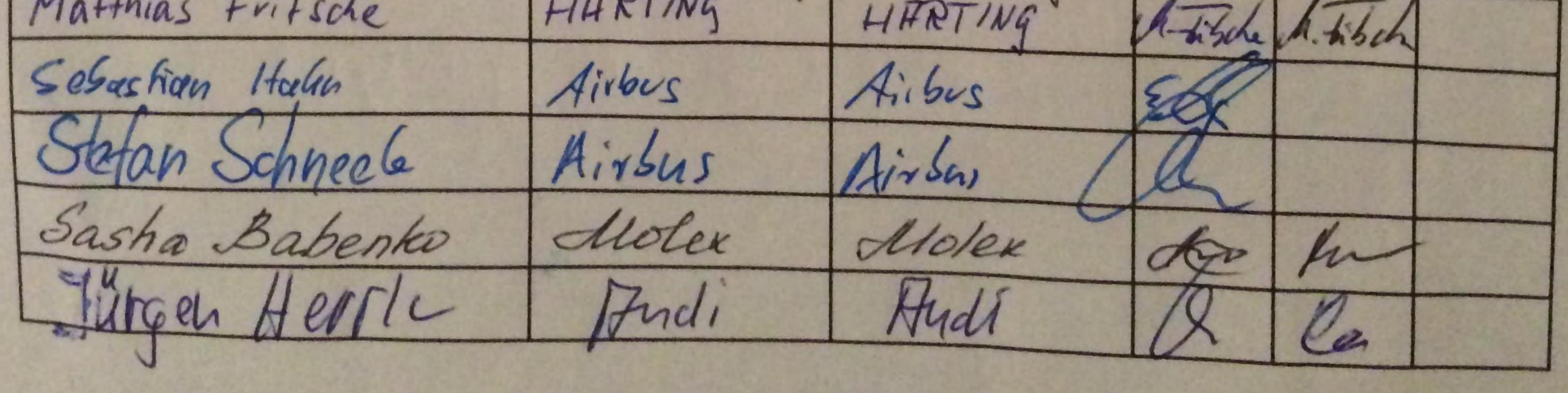
Motion #6: Move to adjourn the meeting. M: Sasha Babenko S: Mehmet Tazebay MOTION PASSES by voice without opposition The Meeting was adjourned at 9:40 AM, Thursday, November 6, 2014.

March 2015

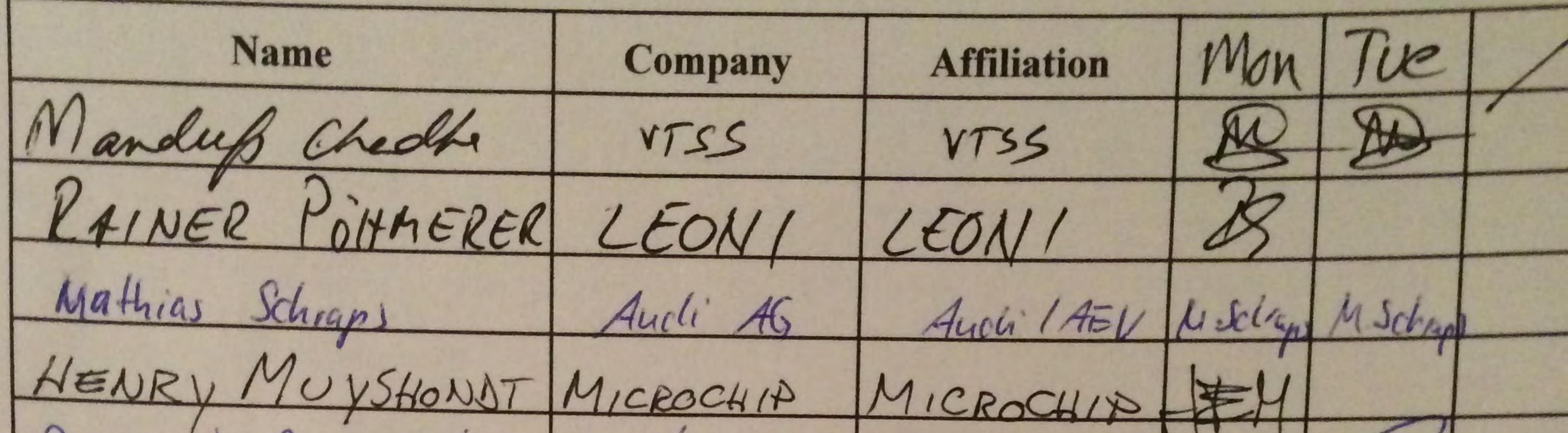
P802.3 boTask Force Sign-In Sheet



Kirsten Matheus BHW RAW Natalie Wienckousk. SM N naw Marvell Deler Wu Marcply rw ELECTROTICS MOHAMMAD SABOURE PULSE PULSE ELECTION MR DAVE HESS CORD DATA OORD DATA broadcon Sceleo stoadcom ter man Man SMMBCARD Conscorel HARTING Matthia's Fritsche HARTING



P802.3_Task Force Sign-In Sheet March 2015



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