Unconfirmed Meeting Minutes: IEEE 802.3 Ethernet for Automotive Imaging Sensors (ISAAC) Study Group
March 13, 2024
802.3 ISAAC Study Group Plenary (In Person with Remote attendance)

Prepared by George Zimmerman

IEEE 802.3 Ethernet for Automotive Imaging Sensors (ISAAC) Study Group meeting convened at 9:02 AM (MDT (Mountain Daylight Time, UTC-5), Wednesday, March 13, 2024, by Jon Lewis, IEEE 802.3 Ethernet for Automotive Imaging Sensors (ISAAC) Study Group Chair.

<u>Attendance is listed in Appendix A</u>

The chair advised those present to log into the zoom tool (including in the room) because votes would be taken, and we needed to be able to count all present.

The chair advised the group that as announced, the purpose of the meeting was to respond to comments on the PAR and CSDs, and the meeting time had been adjusted as announced.

ADMINISTRATIVE MATTERS
Presentation: agenda_ISAAC_01_031324.pdf
Presenter: Jon Lewis, Chair.

The Chair reviewed the agenda. Mr. Lewis turned to presentation
agenda_ISAAC_01_031324.pdf

Approval of Agenda: (9:05)
The chair asked if there were any amendments to the agenda as shown (slide 2), and noted no responses in the room or online.
The chair announced that the agenda was considered approved.

Approval of Minutes: (9:07)
The chair thanked a participant for review and correction of the minutes. As posted. The chair asked whether there were any additional comments, or requests for more time to review. There were no responses.
The chair announced that the minutes were approved by Unanimous consent

The Chair then resumed the review of presentation agenda_ISAAC_01_031324.pdf:

- Mr. Lewis noted that there should be no recording or photography without permission.

Mr. Lewis asked if anyone was attending from the press including those who would run a public blog on this meeting – none responded.

Mr. Lewis then continued review of the presentation, Big Ticket items for this meeting, to develop PAR, 5 Criteria, and Objectives for ISAAC.

Mr. Lewis reviewed the goals for the meeting, access to the reflector and website, and ground rules.

(9:09) The chair reminded the group that we have PAR and CSD comments, and that was the only agenda for the day.

The chair reviewed that in study groups, in general, anyone on the call may vote, and that, was why he advised those in the room to log into the zoom tool which would be used for voting. He then advised the group of the process for voting, that he would provide a review of roll-call votes, and provide an opportunity for participants to verify that their information was correctly recorded.

Mr. Lewis moved on reviewing the links to the rules.

IEEE Patent Policy, Mr. Lewis asked if anyone in the meeting needed review of the pre-PAR patent policy in detail. None responded, therefore, he showed and briefly read aloud the slide on the pre-PAR patent policy ("GUIDELINES FOR IEEE SA MEETINGS") slide 10 from agenda_ISAAC_01_031324.pdf. (09:13 AM MDT)

Mr. Lewis asked if anyone wished a full reading of the copyright slides. None responded. He therefore showed and briefly reviewed the IEEE SA copyright slides from agenda_ISAAC_01_031324.pdf

Mr. Lewis then read and reviewed the IEEE ethics and code of conduct slides from agenda_ISAAC_01_031324.pdf.

He then read and showed the slides on "Participant behavior" from agenda_ISAAC_01_031324.pdf
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Mr. Lewis showed and read aloud the "individual process" slide ("Participants … shall act independently…"). Mr. Lewis asked if anyone objected to the individual process and if so to leave the meeting. There were no participants that left the meeting.

Mr. Lewis advised the group of the IEEE SA (anti) dominance policy, showed, and read the slide "…activities shall allow the fair & equitable consideration" slide. There were no questions.

Attendance, Mr. Lewis advised the group of the IEEE meeting attendance tool and procedures.

The chair advised the group that the meeting was being held as part of the IEEE 802 plenary meeting and that registration and a payment of a registration fee under IEEE 802 rules was required. (9:18)

Mr. Lewis reviewed the standards development process for IEEE and where this study group is in the process.

Mr. Lewis noted that the NESCOM meeting would be held the following week in London, and our agenda

LIAISONS
The Chair noted there were no liaisons for the group at this meeting.

Business: Comments on PAR & CSDs:
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The chair then began review of the comments received.

PRESENTATIONS

The Chair then moved to the presentations for the meeting. (1:22 PM EST)

Title: Comments on the PAR and CSDs
URL: https://ieee802.org/3/ISAAC/public/031324/PAR-CSDs_comments_ISAAC_01_031324.pdf

Presenter: Jon Lewis, Chair

Discussion:
The chair reviewed comments, and proposed responses to each. Responses were discussed and edited by participants during the process.

In the process, edits were made to the proposed PAR scope to align with Nescom comments, a comment from 802.11, and represent that the scope represented the boundaries, not the necessary contents, of the project.

At 10:04 AM MDT the group recessed for a 15 minute break.

At 10:20 AM MDT the chair resumed the meeting.

The chair resumed with responding to comments on the CSD.
Discussion and review of the proposed responses concluded at 10:46AM MDT.

Motion #1
Move to approve the responses to the PAR & CSD comments received on IEEE P802.3dm as shown in PAR-CSD_responses_ISAAC_01_031324.pdf.

    M = Valerie Maguier

S = Geoff Thompson

Motion approved by unanimous consent.
(10:49AM)

Mr. Lewis then announced future meetings while the PAR form was prepared for editing.

Future Meetings

May 13 – 16, 2024: Annapolis, MD USA
July 15 -18, 2024: Montreal, Quebec, Canada
Sept 16-19, 2024: Hamburg, Germany
Nov 11 – 14, 2024: Vancouver, BC, Canada

Registration is required for March, May, and July!
https:\\www.ieee802.org/3/interims/index.html

Review of the PAR
Presentation: **P802.3dm_PAR_130324_1644.pdf**

Presenter: David Law, HPE, IEEE 802.3 WG Chair

Discussion:
The presenter showed that the only modification to the proposed PAR were the modifications to the scope resulting from comment resolution in the proceeding presentation.

Motion #2
Move to approve the PAR as shown in P802.3dm_PAR_130324_1644.pdf

    M = Bob Voss
    S = Valerie Maguire

Motion approved by unanimous consent.
(10:54AM)

Having exhausted the agenda, Mr. Lewis adjourned the meeting at 10:55AM MDT.

Appendix A: Attendees at the IEEE 802.3 Ethernet for Automotive Imaging Sensors (ISAAC) Study Group Meeting, March 13, 2024

Last Name	First Name	Affiliation	IMAT	Zoom
Akin	Sami	Volkswagen AG	X	X
Aronson	Joe	Texas Instruments Inc.	X	X
Baggett	Tim	Microchip Technology, Inc.	X	X
Bar-Niv	Amir	Aquantia Corp	X	X
Benyamin	Saied	Ethernovia	X	X
Boyer	Rich	Aptiv - Signal and Power Solutions	X	X
Brandt	David	Rockwell Automation	X	X
Chabot	Craig	University of New Hampshire InterOperability Laboratory (UNH-IOL)	X	X
Chang	Jae-yong	Keysight Technologies Inc	X	X
Chini	Ahmad	Broadcom Corporation	X	X
Cliber	David	TE Connectivity	X	X
Dalmia	Kamal	Aviva Links Inc	X	X
Donahue	Curtis	Rohde & Schwarz	X	
Estrakh	Daniel	Valens Semiconductor	X	X
Feyh	German	Broadcom Corporation	X	X
Fuller	Paul	Marvell	X	X
Gauthier	Claude	NXP Semiconductors	X	X
Gerl	Markus	MD Elektronik	X	X
Glanzner	Martin	SEI ANTech-Europe GmbH	X	X
Goel	Sachin	Aviva Links Inc	X	X
Gorshe	Steve	Microchip Technology, Inc.	X	X
Goto	Hideki	Toyota Motor Corporation	X	X
Graba	Jim	Broadcom Corporation	X	X
Graber	Steffen	Pepperl+Fuchs SE	X	X
Gubow	Marty	Keysight Technologies	X	X
Haydt	Mary Sue	Microchip Technology, Inc.	X	X
Hirase	Hidenari	AGC		X
Hirose	Takeshi	AGC Inc.	X	X
Hogenmueller	Thomas	Robert Bosch GmbH	X	X
Hoshino	Masayuki	Continental Automotive	X	X
Hyakutake	Yasuhiro	Orbray Co., Ltd.	X	X
Jones	Peter	Cisco Systems, Inc.	X	X
Jonsson	Ragnar	Marvell Semiconductor, Inc.	X	X
Kabra	Lokesh	Synopsys		X
Kagami	Manabu	Nagoya Institute of Technology	X	X
Kapoor	Samay	Aviva Links Inc.	X	X
Kikuta	Tomohiro	Orbray Co., Ltd.	X	X
Kopet	Tom	onsemi		X

Last Name	First Name	Affiliation	IMAT	Zoom
Lackner	Hans	QoSCom GmbH	X	X
Lasry	Ariel	Qualcomm Technologies, Inc	X	X
Law	David	Hewlett Packard Enterprise	X	X
Lewis	Jon	Dell Technologies		X
Lo	William	Axonne	X	X
Lou	Wei	Broadcom Corporation	X	X
Maguire	Valerie	Copperopolis	X	X
Martino	Kjersti	Inneos	X	X
Mash	Chris	Nupero Ltd	X	X
Matheus	Kirsten	BMW Group	X	X
McClellan	Brett	Marvell Semiconductor, Inc.	X	X
Neulinger	Christian	MD Elektronik	X	X
Ng	Tiaq	Aviva Links Inc.	X	X
Niihara	Yoshihiro	Fujikura Ltd.	X	X
Pal	Debu	ON Semiconductor	X	X
Pardo	Carlos	Knowledge Development for POF SL	X	X
Peters	Kevin	Inneos	X	X
Pischl	Neven	Broadcom Corporation	X	X
Razavi	Alireza	Marvell	X	X
Reinhard	Michael	SEI ANTech-Europe GmbH	X	X
Ringel	Haim	General Motors Company	X	X
Schreiner	Stephan	Rosenberger Hochfrequenztechnik GmbH & Co. KG	X	X
Sedarat	Hossein	Ethernovia	X	X
Sharma	Rohit	Molex Incorporated	X	X
Shiino	Masato	FURUKAWA ELECTRIC	X	X
shirani	ramin	Ethernovia	X	X
Sisk	Jason	University of New Hampshire InterOperability Laboratory (UNH-IOL)	X	X
Souvignier	Tom	Broadcom Corporation	X	X
Steyer-Ege	Janik	Robert Bosch GmbH	X	X
Sun	jingcong	Motorcomm Electronic Technology Co	X	X
Takeuchi	Junichi	JAE Electronics, Inc	X	X
Tazebay	Mehmet	Broadcom Corporation	X	X
Thompson	Geoff	GraCaSI S.A.	X	X
Torres	Luisma	Knowledge Development for Plastic Optical Fiber	X	X
Tu	Mike	Broadcom Corporation	X	X
Turner	Max	Ethernovia	X	X
Veloso-Cauce	Gumersindo	BMW Group	X	
Voss	Bob	Panduit Corp.	X	X
Wang	Frank S.-S.	Realtek Semiconductor Corp.	X	X

Last Name	First Name	Affiliation	IMAT	Zoom
Watanabe	Yuji	AGC Inc.	X	X
Wendt	Matthias	Signify	X	X
Withey	James	Fluke Corporation	X	
Wu	Peter	Marvell Semiconductor, Inc.	X	X
Zerna	Conrad	Aviva Links Inc.	X	X
Zimmerman	George	CME Consulting/ADI, APL Group, Cisco, Marvell, OnSemi, SenTekSe LLC, Sony	X	X