

TIME: Tuesday, 8/10/21, 11-12pm CST

PLACE: Zoom (669-900-6833 or 408-638-0968), 272 780 335, <https://zoom.us/j/272780335>

MINUTES: https://www.pdma.com/technical-forums/reliability/meeting_minutes

ATTENDEES:

PRESENT?	COMMITTEE MEMBER
X	Brian Zahnstecher, PowerRox – Co-Chair
X	Joe Horzepa, PSMA – PSMA Representation
	Lisa Horzepa, PSMA – PSMA Representation
X	John Horzepa, PSMA – PSMA Representation
X	Ada Cheng, AdaClock – Member
	Rick Fishbune, IBM – Member
	Patrick Le Fèvre, Powerbox – Member
	Tim McDonald, Infineon – Member
	Steve Miller, SL Power (<i>RETIRED</i>) – Member
	Kevin Parmenter, Taiwan Semi – Member
	Shane Callanan, AEI – Member
	Greg Miller, Silanna – Member
	Mike Seeman, Eta One Power – Member
X	Ed Massey, Ed Massey Consulting – Member
X	Eric Swenson, IBM – Member
	Bill Mallory, SL Power – Member
	Shobhana Punjabi, Cisco – Member
	Hamish Laird, ELMG Digital Power – Member
	Francesco Carobolante, IoTissimo – Member
	Nitish Agarwal, SL Power – Member
	Manish Bhardwaj, TI – Member
	Denis Downey, Cisco – Member

* Attending APEC

GREEN = NEW MEMBER, 1st MEETING (i.e. – introduce yourself)

RED = REMOVING MEMBER, NO ATTENDANCE AND/OR RESPONSE FOR LONG TIME, PURGING ACTIONS (w/OWNER) HIGHLIGHTED BELOW

ACTION COMPLETED

AGENDA:

IF ANYONE IS INTERESTED IN CO-CHAIR ROLE, THEN PLEASE REACH OUT TO BZ RIGHT AWAY.

- **New Comm Introductions / Membership**

- Elevator pitch intros, roundtable.
 - NEW MEMBERS =
- New Member Recruiting
 - .

- **Comm Website / Purpose Statement**

- Comm website up and running on PSMA.com ADA REPORTS FULL PSMA WEBSITE REVAMP UP BY END-JAN

- Lisa mentions good opportunity to reorg (esp. “Links & Resources” page). ADD SIMPLE CATEGORIES OF **ORGANIZATIONS, STANDARDS, TOOLS, PAPERS/TALKS/ARTICLES**. **BZ WILL REQUEST CHANGES.**
- **COMM = IF HAVE ANY GOOD RESOURCES, LINKS, PAPERS, ETC. TO POST ON WEBSITE (REMINDER, OPEN TO PUBLIC), THEN PLEASE SEND TO BZ FOR POSTING VIA LISA.**

- Initiatives

- Revisit Committee Priorities
 - **BZ WILL DISTRIBUTE THE ANNUAL SURVEY AND PREPARE RESULTS SUMMARY FOR NEXT MTG.** Comm will have 1 wk to review initiative list and suggest any additions/deletions. Following that, there will 2 wk voting period in order to have final results prepared for next month’s call.
 - Review results (8.5/19 responses total). **BZ WILL SHARE FINAL RESULTS WITH MTG MINS**
 - #1 = Power Supply SW/FW Spec/Test/Standardization Phase II (**CONSIDER BRAINSTORMING PROJECT APPROACH STARTING IN LATER-FALL MTG.**)
 - Pursue deeper-dive follow-on to Phase I, perhaps consider a proposed standard.
 - #2 = Power Supply Security
 - A more comprehensive effort to identify weaknesses and propose solutions for enhancing PS SW/FW security. e.g. need for back-up image during Firmware update.
- **Power Supply Communication Bus Reliability (BRIAN SPEARHEADS)**
 - Actions
 - **CLOSED INDEFINITELY**
- **PTR Webinars (NEED NEW CHAMPION SPEARHEADS):**
 - Topics? Speakers? Schedule? **FOR ANY WEBINAR, DECIDE IF PROPOSE TO PTR OR IF RELIAB COMM INDEPENDENT EVENT.**
 - **COMM ACTION: WEBINAR TOPICS, PERHAPS FROM WITHIN COMM.**
 - EPSMA Secretariat, Paul Lee (big thanks to Patrick for reestablishing this relationship!)
 - Webinar based on EPSMA “Lifetime Prediction Of Power Supplies” white paper. **BZ CAN SHARE WHITE PAPER UPON REQUEST, BUT NOT FOR DISTRIBUTION.**
 - May also cultivate into APEC IS talk if satisfied with standalone webinar.
 - **Doug Kirkpatrick, CEO, Eridan Communications**
 - “System Reliability for Small Cells Enable 5G”
 - **Consider for PTR webinar? BZ TO REACH OUT. GIVING COMP TIME TO WORK OUT LOGISTICAL ISSUES FIRST, REVISIT IN LATER JUN.**
- **APEC ’22 IS Sponsorship (NEED NEW CHAMPION SPEARHEADS):**
 - APEC, F2F, Houston, TX, USA, Mar. 20-24, 2022
 - APEC CfP deadline = 9/17/21 (generic, session abstract deadline)
 - Consider a 4-slot session, if any.
 - Topics? Speakers? Schedule? . **Energy Storage topic?**
COMM ACTION

- **General**

- Any other revenue-generating thoughts for PSMA?
 - Kickoff discussion held 4/29/21, 6/2/21, 6/4/21. Facilitating how to best establish new standard effort between PSMA & IPC. New standard in-process, negotiating MOU amongst appropriate Leadership Team reps, Co-chaired by Eric S. from PSMA (IBM), Jerry S. from IPC (ABB) to support new group (assuming enough content to support full, new standard as opposed to appending existing one such as IPC-9592). Not starting until Q3/4 CY21, 24-36 month full process. **CALL FOR PARTICIPATION IN NEW STANDARD BASED ON PSMA PS SW/FW RELIABILITY REPORT. BZ WILL REQUEST OFFICE INC. CFP IN NEXT PSMA NEWSLETTER. ERIC WILL PROVIDE A SHORT WRITE UP AND CFP REQUEST FOR NEWSLETTER BY COB 8/13/21.**
 - Offer supporting resources to enable utilization of PS SW/FW Reliability Report. **COMM ACTION TO SUGGEST OTHER POTENTIAL RESOURCES/TOOLS TO CREATE TO SUPPORT THIS.**
 - Manish/Ada/Nitish held meeting 4/8/21. Now using tracker to facilitate mini project, **TARGETING MONTHLY CALLS. PROPOSE WED, 5/5/21, 9 AM PST.** Held 5/5/21, next (monthly) scheduled for 6/1/21, 11 am CST. Now have tracker to help determine deliverables and how to apply, **BZ WILL SHARE LATEST WITH MTG MINS. TARGETING DRAFT FLOW DIAGRAM FOR COMM REVIEW FOLLOWING NEXT MEETING.** Closing this since little momentum for flow diagram deliverable, lack of resources, and efforts will be leveraged into new IPC standard effort.

- **Next Meeting**

- Tue 9/14/21, 11 am CST.
- Regular Schedule = 2nd Tue (**NOW, MOVING FWD**) of each month, 11 am – 12 pm CST