

Performance Requirements, Standards, & Verification Task Team (PRSVTT)

June 29, 2018

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Actions from today's call:

- Mahendra is the chairman for C23 working group.
 - NASPI Leadership call agenda item; task teams would like to have an organized task team sessions
 - Farnoosh to finish the guidance document for the survey of instrument transformers connected to installed PMUs. **PAST Due.**
 - Jim will reach out to Alison to inquire about funding the *performance needs for applications* effort. The consensus was that this effort, to do it right, would take more than just a volunteer. Jim followed up with the NASPI Leadership and Alison asserted that if the PRSVTT wrote up a description (prospectus) of what is needed, she'll take to DOE and request funding.
 - A report on Using PMU Data Under Fault Conditions – Krish Narendra, Harold Kirham, Nuwan Perera
 - Both measurement and communication aspects.
 - 18-page draft is available for internal review (also including Goodness-of-Fit info). Please review the document and **submit feedback by June 15, 2018 to Nuwan Perera** (nperera@ERLPHASE.COM).
1. Roll call – see below. Jim O'Brien led the meeting. (Teresa not present). All
 2. Outstanding projects update
 - PMU Application Requirements Task Force (PARTF) – Allen; working with ORNL to get funding for a student to work at NIST to make significant contributions to PARTF. Data quality seminar in July, Allen will be presenting. The seminar will be hosted by PJM/EPG on July 28, 2018, if interested please contact Allen Goldstein or Ken Martin. Allen Goldstein
 - Synchrophasor data under fault conditions – Nuwan; draft of document was sent to the PRSVTT for review and comment. **Action** for Teresa: see if we have enough comments have been received and set up some time on the call to go over them. Krish Narendra/
Nuwan Perera

- Survey of instrument transformers connected to installed PMUs – Farnoosh; Farnoosh Rahmatian
survey not done, no update at this time.
 - PMU for control applications – no update on the call, previously stated Anurag Srivastava
doing a report, Anurag volunteered for the effort but no progress has been
made.
3. Update on other activities – Standing Topics: All
- PMU Standards
 - o P60255-118-1 (Ken Martin); draft from IEC received, format is better,
sent out to working group, typos were found, and sent back to IEEE.
The circulation should start in July.
 - o C37.242 (Allen Goldstein); on track to have vote around the
September PSRC meeting.
 - o C37.118.2 (Vasudev Gharpure); making progress, reviews are down
to a list, and we know what will be implemented about 50%
completed with review.
 - PDC Standards
 - o PC37.247 (Vasudev Gharpure); did ballot towards end of last year,
133 comments received, down to about 4 comments to be addressed
in the next couple of weeks, end of July might be a re-circulation
ballot..
 - IEEE PES PSRC C23 (Mahendra Patel) last PSRC meeting a couple items were
brought up that NASPI might be able to help address 1) test data for
applications being developed for synchrophasors –test data is needed to
demonstrate applications, 2) need for outreach about what synchrophasor
can and can't do. There is a need for outreach and educate people on
standards, performance assessment needs, etc. Bill Dickerson to Chair
working group to develop webinars, tutorials, to help reach more members
of the industry.
 - IEEE ICAP/NIST (Allen Goldstein/ Ravi Subramaniam) Allen; similar to revision
the PMU guide, also the PMU Test Suite Specification (TSS) under revision
that has been updated per the new standard. Ken asserted that the only
changes were in the formatting. ICAP will be voting before the September
PSRC meeting. Moving forward with lab assessment next month to add to
the ICAP program. Allen asserted that with C23 effort, ICAP, and NASPI
Leadership can put together a good educational plan for the PMU and the
value of the PMU.
 - GMLC Update – Tom Rizy; Sensing and Measurement project; working on
technology roadmap, full draft completed with comments in near future, will
be circulated to partners and stakeholders for last round of comments.

Sensor Placement Optimization Tool – working n user guide, draft paper, and technical report in progress.

4. Other topics / new business All
- Mike Cassiadoro; two goals that relate with PRSVTT, 1) establish working relationship to coordinate work products, 2) conduct industry outreach (e.g. NIST, IEEE, IEC, etc.). Allen happy to work with CRSTT to coordinate efforts. Mahendra also attends both the CRSTT and PRSVTT call.
 - Ken Martin; Streaming Telemetry Transport Protocol (STTP) - new communications standard, TAR has been completed, if interested in participating reach out to Ken Martin and he'll get your name on the list. Github [reference](#).

- Next PRSVTT Conference Call All
- **July 27, 2018 at 8:00am PT / 11:00am ET unless otherwise noted.**

Attendees

Allen Goldstein
Harold Kirkham
Jay Murphy
Jim O'Brien
Ken Martin
Mahendra Patel
Mike Cassiadoro
Tom Rizy
Vasudev Gharpure
Yi Hu
Teresa Schott (started the call)