

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

August 25, 2017

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Actions from today's call:

- Beta test underway for the PMU Applications Requirements Test Framework; if you are interested in evaluating the framework please contact Allen Goldstein (allen.goldstein@nist.gov). More information can be found here: <https://pages.nist.gov/PARTF/html/index.html>
 - Allen Goldstein to present PARTF framework during the PRSVTT breakout at the NASPI Work Group meeting in Springfield, MA.
 - Anurag expressed interest in the PMU for control applications and will discuss topic with Vahid.
 - Ravi Subramaniam: IEEE 1588 Power Profile Committee & Pilot Testing, sign up instructions: <http://standards.ieee.org/about/icap/1588P-membership-info.html>
1. Roll call – see below. Jim led the call. All
 2. Outstanding projects update
 - PMU Application Requirements Task Force (PARTF) – Allen; do we know of anyone planning on looking at PARTF framework/code for evaluation? PNNL is waiting to see if funding is received. Anurag (WSU) planned to do a review with PNNL. NIST would like to get people interested. Allen needs other use cases, please direct any interest to Allen Goldstein. Allen Goldstein
 - Synchrophasor data under fault conditions – no update. July 31 Teresa emailed the document to the PRSVTT. Harold has received some comments but not sure what the path forward should be at this time. Allen said this sounds like a possible use case for the PARTF. Allen and Harold to talk offline. Krish Narendra
 - Survey of instrument transformers connected to installed PMUs – no update. – no update. Farnoosh Rahmatian

3. Update on other activities – Standing Topics:

All

- PMU Standards
 - o P60255-118-1 (Ken Martin) – Jim; waiting period for the approval on IEC side. Allen; getting ready for re-ballot. Team will meet briefly in Phoenix.
 - o C37.242 (Allen Goldstein); meeting in Phoenix, on track with schedule, when new 118 gets published.
 - o C37.118.2 (Vasudev Gharpure); working group was approved, first meeting was at the last PSRC, meeting two weeks from now in Phoenix, expect work to begin in September.
- PDC Standards
 - o PC37.247 (Vasudev Gharpure); process of cleaning up the document, IEEE editorial review by end of month prior to PSRC meeting, will check when the next review process will happen. Extension was requested several months ago, not sure when the approval meeting will happen.
- IEEE PES PSRC C23 (Jim O'Brien) Jim; next meeting is September 11-14 in Phoenix, interested in attending visit the PSRC website for more information (<http://www.pes-psrc.org/Meetings.html>).
- IEEE ICAP/NIST (Allen Goldstein/ Ravi Subramaniam) Allen; since the last call there has been another PMU certified. Another Laboratory in the queue to be a “certified lab” for PMUs. ICAP synchrophasor steering committee to meet in Phoenix to work on the specification.
- GMLC Update – Tom Rzy; Grid Sensing and Measurement Strategy project is waiting on funding, work authorization has been received, putting together a roadmap, draft has been shared, working groups have been formed, lab leads identified, industry members solicited, plan is to have a refined draft by the end of December, plan to have industry meeting sometime in February/March to wrap up roadmap. Other activity is the Sensor Optimization Placement tool; budgetary and physical constraints taken into consider. University of Tennessee involved in work, we looked at distribution systems state estimators, using two different optimization techniques.

4. Other topics / new business

All

- PMU for control applications – Vahid Madani proposed the topic for PRSVTT to define the need, and to scope a set of applications. Perhaps the genesis for a new task force?
 - No lead at this time. If you are interested please contact Farnoosh or Jim. Anurag has an interesting in this subject and will discuss topic with Vahid.
- Future work? Jim; What is the future of the PRSVTT? Enough work to move forward? This subject will be addressed at the NASPI meeting in Springfield, MA.

- September NASPI Work Group meeting – what topics would you like to hear discussed during the PRSVTT breakout session? If you plan to attend the NASPI Work Group meeting next month but have not registered, please do (<https://www.naspi.org/work-group-meetings>).
- Allen Goldstein will present his work on PARTF at the PRSVTT breakout session in Springfield, MA. Thirty minutes set aside for Allen’s presentation.
- Ravi – two weeks ago there was an IEEE Test and Certification webinar, outcome of webinar - test suite specification (TSS) being developed, available within the next 6-8 weeks, continued to be worked on, co-related activity is the pilot test for vendors who have an interest to submit. Membership information for the IEEE 1588™ Power Profile Conformity Assessment Steering Committee (CASC) and Pilot Testing: <http://standards.ieee.org/about/icap/1588P-membership-info.html>

The PRSVTT will be meeting in face-to-face during the NASPI Work Group meeting in All Springfield, MA.

Next PRSVTT Conference Call

- **October 27, 2017 at 8:00am PT / 11:00am ET unless otherwise noted.**

Attendees

Allen Goldstein
Anurag Srivastava
Frank Tuffner
Harold Kirkham
Jason Watson
Jim Hackett
Jim O’Brien
Laurie Miller
Ravi Subramaniam
Teresa Carlon
Tom Rizy
Yi Hu