



**Performance Requirements, Standards, & Verification Task Team (PRSVTT)
Call Notes / January 29, 2021**

Jim O'Brien (Jim.O'Brien@duke-energy.com) and
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New business & action items:

- If you would like to submit an abstract for the upcoming NASPI Work Group Virtual meeting to be held April 13-15, 2021, please visit the NASPI website for more [details](#). The abstracts are due Friday, February 5, and should be emailed to naspi@pnnl.gov.
 - Teresa and Harold will be inviting PNNL's Matt Engels to the February call to talk to us about testing and jamming of GPS signals. See link to IEEE article below.
1. Roll call – Farnoosh & Jim led the meeting. All
 2. Outstanding projects update
 - Survey of instrument transformers connected to installed PMUs – waiting on Jim O'Brien's response and Teresa will reach out to others to see if more information can be obtained. Farnoosh Rahmatian/
Teresa Carlon
 - Progress of three white papers. K.S. Sajan/
Pratim Kundu
 - o (Sajan) Survey of Existing PMU applications Around the World and Classification – Sajan; we have received a few input from different entities from Asia, Europe, and China, and we are waiting for input from others, we decided in our meeting that some of the applications will to go onto the monitoring part because they do not have a control room person, couple of months to finalize paper. Farnoosh asked if there was a draft that could be shared with the PRSVTT and Sajan indicated that the draft is not quite ready to share because of the tabular format.
 - o (Pratim) Analyzing Synchrophasor Performance Requirements for Synchrophasor based Control Applications – Sajan asserted volunteers are providing input, conducting format to make it more streamline.
 - o (Pratim) Data Quality Impacts on Synchrophasor based Control Applications – same as previous should have a paper to look at in a couple of months.
 3. Update on other activities – Standing Topics:
 - PMU Standards
 - o C37.242 (Allen Goldstein); (Ken) Passed ballot and in an editorial review.

- C37.118.2 (Vasudev Gharpure); had a meeting earlier this month, many comments received, document being revised, document should go to ballot by mid-year, and an extension has been requested. By the May meeting should have request to go to ballot.
 - PDC Standard
 - Work Group C40 (Vasudev Gharpure); submitted a proposal at the general meeting and Vasudev thinks it was rejected because he has not received any notification, next meeting maybe look for a conference paper, no other activity at this time.
 - [IEEE PES PSRC C23](#) (Allen Goldstein); had a well-attended meeting back in January, Allen provided a NASPI update at that meeting, no request between the two bodies. All
 - [IEEE ICAP/NIST](#) (Allen Goldstein/ Ravi Subramaniam); - no update.
 - IEEE PE/PSCC P2664 Standard for Streaming Telemetry Transport Protocol (Ken Martin); progress is being made from Ken's monthly meetings which started last fall, content is coming along well and we are now focusing on cybersecurity, compression methods, and over/underlying communication. Hope to finish the end of 2020, then finish the body of the standard and the annex about a year from now.
 - IEEE PES PSRC Task Force C41 Investigate Performance Requirements for Distribution PMUs – (Ken Martin) – task force to determine if we need a new standard for distribution applications, not ready, can't decide what we need to do and little information out there for determining the measurement environment, and thereby what requirement for qualifying such devices should contain, however they decided to continue as a working group to gather information and publish a report, started working group at PSRC 3 weeks ago, if you want to join the working group you can, meetings to start in March, and in conjunction with PSRC. Ken stated that there is a working group now formed.
 - DisTT Update (Harold Kirkham) – CRSTT/DisTT call notes: https://www.naspi.org/sites/default/files/2021-01/crstt_distt_minutes_20210126.pdf.
4. Other topics / new business; All
- Ken Martin brought share an titled "FAA Files Reveal a Surprising Threat to Airline Safety: The U.S. Military's GPS Tests," to view the article click here: <https://spectrum.ieee.org/aerospace/aviation/faa-files-reveal-a-surprising-threat-to-airline-safety-the-us-militarys-gps-tests>. Harold Kirkham and Ken Martin agreed that NASPI should look at the findings and if anything in the article effects GPS timing then perhaps NASPI should write a response. Harold suggested inviting PNNL's Matt Engels, who has done some research on GPS jamming, to our February call to provide us with further information and follow up with Jeff Dagle on the subject.
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Next PRSVTT Conference Call

All

- **Our next call will be February 26, 2021 at 8:00am PT / 11:00am ET.**

Attendees

Farnoosh Rahmatian
Frank Tuffner
Fred Steinhauser
Harold Kirkham
Jim O'Brien
Ken Martin
Laurie Miller
PS Chauhan
Sajan Sadanandan
Teresa Carlon
Vasudev Gharpure