

Data Network & Management Task Team (DNMTT) Minutes

Co-leads, Dan Brancaccio (dbrancaccio@bridgeenergygroup.com) and
Matthew Rhodes (Matthew.Rhodes@srpnet.com)

Synchrophasor Archive and Network Strategy Task Force (SANSTF) Lead: Laurel Dunn (Indunn@berkeley.edu)

Teresa Carlon, NASPI web site and listserv contact (teresa.carlon@pnnl.gov)

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August 5, 2021

- 1.) Roll call and introductions. Attendees listed below.
- 2.) Review Action Items
 - a. **All** – help identify who should be involved in the interviews and what questions should be asked.
 - b. **Matt** – contact Evangelos (EATT) to investigate synchrophasor edge technology infrastructure. Has the EATT conducted any research or released any work products related to edge computing with synchrophasors or is there any interest in doing so?
- 3.) Synchrophasor Application-Based Guide for Archive and Network Strategies (SABGANS) Status Update
 - a. Synchrophasor Archive and Network Strategy Task Force (SANSTF) update
 - i. Task Force update – the last couple of meetings were not very fruitful and Laurel would like ideas on how to re-energize the team to get the ball rolling on this task. The June meeting was cancelled due to a conflict with a conference and the July meeting did not happen. Matt would like to join the next call; Teresa will send Matt an invite. Next call is scheduled for August 26. If you would like to participate contact teresa.carlon@pnnl.gov.
- 4.) New project discussion – Investigation of network architecture for synchrophasor edge computing solutions (possible SAS contribution)
 - a. Kick off from October 2021 Work Group meeting panel “Synchrophasors on the Edge” – Matt is organizing a panel; ½ academic and ½ industry. Analytics is conducted on the “edge.” Here is how synchrophasors can be used for edge computing, what companies are doing this and what research is being conducted.
 - b. Investigate methods and examples of synchrophasor edge computing – White Paper?
 - c. What type of network and archiving architecture works best? (Can add value to SANSTF efforts)
- 5.) Roundtable

- NASPI Webinar on Human-Machine Teaming by Eric Andersen, August 25 at 10:00am PT / 1:00pm ET (1 hour). Details will be posted here: <https://www.naspi.org/node/914>
- Mark your calendar for the fall NASPI Work Group meeting October 5-7, 2021. Details will be posted here: <https://www.naspi.org/node/896>
- Terry – thinking about what could the utilities benefit from the NASPI documents? Best Practices documents would be useful to them, is there anything NASPI can do from a research perspective to be supportive to the utilities? This is a good reminder to be mindful of the gaps that NASPI can fill to provide value to the utilities.

Link to the DNMTT folder on Google Docs. This folder contains the most recent version of the **SABGANS paper** and the **NASPI 2019 Survey of Industry Best Practices for Archiving Synchronized Measurements paper**:

<https://drive.google.com/drive/folders/1dAqf7GrkdIuoQF1tUTn-dVUDbfpm4tt5?usp=sharing>

Anyone with this link can edit the content in this folder, Google sign-in required.

Attendees

Agarwal , P.K.

Brancaccio, Daniel

Carlton, Teresa A

Dunn, Laurel

Hu, Yi

Jones, Terry

König, Manuel

Mazan, Jan

Rhodes, Matthew E