

Minutes from: PQDIF Task Force . January 12, 2014**OVERVIEW**

Dan Sabin, chair of 1159.3, convened the group at the Winter meeting of the 1159.3 Task Force at 10:00 on January 12, 2014 in Galerie 1 room of Marriott Hotel in New Orleans, LA. Sixteen persons were in attendance.

Dan updated the new attendees on various documents and tools available to help developers use PQDIF, the three file types provided by vendors of which there are over 35, and adoption of PQDIF by regulators in China and Norway as a requirement. The Web Site was rebuilt completely in August/September 2013 and now linked from the main task force web site. The task force has created a new web site that will allow users an easy way to submit new IDs for existing tags, as well as for the TF to approve/disapprove such. Three such submissions were approved using such during the meeting, along with IDs for rapid voltage change, requested by NVE.

A PAR is ready for submission, entitled "Recommended Practice for Power Quality Data Interchange Format (PQDIF)". The Scope and Purpose were updated to represent the existing state of the document. Work will include the following tasks:

- Build New PQDIF Library for .NET
- Build New Web Site for PQDIF ID Submissions
- Submit Project Authorization Request to Revise IEEE Std1159.3
- Complete editorial changes and corrections to 2003 edition of IEEE Std. 1159.3
- Add new ID values for existing tags (ongoing)
- Add new tags and ID values (ongoing)
- Add new quantity types
- Add annex on representation of PQDIF in XML
- Add annex on PQDIF and its relationship to IEC 61850
- Add annex on PQDIF and its relationship to IEEE/IEC COMTRADE
- Post New Versions of IEEE C++, COM, and .NET Libraries
- Vote on new version of IEEE Std1159.3 in early 2016

IEEE 1159.3 PQDIF Draft 11 is posted on <http://grouper.ieee.org/groups/1159/3/docs.html>, which includes :

- Reflow of Draft 9 into the current Microsoft Word version of the IEEE Standards document template.
- Minor editorial fixes and/or changes in addition to the overall reflow itself
- Incorporation of new IDs approved over the past few P1159.3 Task Force meetings

There was also discussion on IEC 61850-8-1, which defines file classes that can be mapped to the Manufacturing Message Specification (MMS) file object, including PQDIF, COMTRADE, and other supported file types: bin, dtd, gif, htm, txt, xml, xsd, zip. The IEC Technical Report (TR IEC 61850-90-17) is to be completed in about one year. It will specify how to use IEC 61850 to

transmit power quality data. It is a collaboration of IEC TC57 and TC85. We can participate in writing this document and incorporate a summary in our proposed annex.

Dan will conduct a web-meeting to pull in those who have shown interest but not at IEEE meetings.. Next TF meeting in July, planned to be in National Harbor, MD, likely July 28, 2014.

ACTION ITEMS

- RPBingham to produce minutes from meeting.
- Dan Sabin to submit PAR
- Dan Sabin to schedule another web meeting to work on action items.

Respectfully submitted,
Richard P. Bingham

ATTENDEES

Rich	Bingham	rbingham@dranetz-bmi.com
Dan	Sabin	dsabin@electrotek.com
Bill	Moncrief	bill@enernex.com
Ken	Sedziol	Ken.sedziol@duke-energy.com
Theo	Laughner	Tllaughner@tva.gov
David	Aldrich	daldrich@beckwithelectric.com
Tony	Thomas	Tony.thomas@nreca.coop
Matthew	Seeley	seelms@jea.com
Erich	Gunther	erich@enernex.com
Steve	Tatum	statum@southernco.com
Tim	Unruh	t.d.unruh@ieee.org
Dave	Mueller	dmuellertn@ieee.org
Andrew	Sagl	Andrew.sagl@megger.com
Alex	McEachern	alex@powerstandards.com
Matthew	Norwalk	Matthew.norwalk@sce.com
Diego	Rivera	Diegorc86@outlook.com