

***Minutes from P1159.√3 PQ Data Transfer Task Force: Monday, July 17, 2000*****OVERVIEW**

Alex McEachern, previous chair of 1159.1, has been “promoted” to chair of the 1159.√3 Taskforce, which combines the efforts of 1159.1 and 1159.2 with the work of IEC WG-9, using the 1000-4-30 document as a basis. Annotated waveforms illustrating the characteristics of the 12 PQ parameters of 1000-4-30 will be added, along with any additional textual comments in the Annex, including a section on the effects of parameters on equipment and measurement specifications. The goal is to have the draft ready by October 2001.

**DISCUSSION**

Randy Collins, chair of 1159, initiated the discussion on how to proceed with the combining of 1159.1 Guide For Recorder and Data Acquisition Requirements For Characterization of Power Quality Events and 1159.2 PQ Event Characterization, as per the Winter meeting decision. A PAR combining such had been submitted by Randy. Alex McEachern lead the discussion from there on 1000-4-30, which had been distributed since the last meeting via e-mail to the members. A list of comments received on the proposed use of 1000-4-30 were reviewed, ranging from including 1159 itself as an Annex to additional of waveforms with new specifications on measurement requirements to adding a new measurement class.

It was agreed to add the waveforms from 1159.2 per suggestion by Larry Morgan, along with a brief comment describing the characteristic illustrated by the waveform (such as point-on-wave initiation). Any additional discussion needed would be put in the annex. Each of the 12 parameters of section 5 would have waveforms added, and the measurement accuracy section would have an “IEEE Note” added on the additional measurement specifications needed to accurately capture the characteristic. For example, capturing point-on-wave initiation requires a minimum sample rate of xxx and phase accuracy of x.x degrees across all measurement channels to obtain an accuracy of x.xx milliseconds.

Alex McEachern accepted the position of chair of the new taskforce, with Richard Bingham as secretary. Various members of the committee will provide waveform data (see Action Items), which are preferably to be in PQDIF format. Alex and his Technical Editing staff will prepare a draft by Oct 1. All documents will be e-mailed out via the Reflector site, as well as being posted on the IEEE web site.

The next meeting will be in Atlanta at the T&D conference on October 30, 2001. Meeting was adjourned at 13:20. Randy Collins to chair that interim meeting. Next full committee meeting will be in NYC in January at the Winter 2002 meeting.

**ACTION ITEMS**

- P1100 graphics – Chris Melhorn
- 1159.2 waveforms – Dan Sabin
- Definitions review and waveforms from P1433 – Tim Unruh, Dan Sabin, Chris Melhorn, Greg Rauch

- Annex on Equipment/Parameter effects – Larry Morgan
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- Measurement Specifications – Erich Gunther
- PSRC – Greg Rauch
- Power System Instrumentation – Dick Brown
- Draft published by Oct 1 – Alex McEachern and TES
- Comments from membership by Oct 15.
- Meeting room and chair for Interim meeting at T&D, Oct 30 – Randy Collins
- Revised document by Nov 15 - Alex
- Richard Bingham of Dranetz-BMI to produce minutes
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Respectfully submitted,  
Richard P. Bingham