

**Revision to C57.143 – “Guide for Application of Monitoring Equipment to  
Liquid-Immersed Transformers and Components”  
Transformer Monitoring Working Group**

**Monday, October 30, 2017**

**Louisville, KY, USA**

**Minutes of WG Meeting**

The meeting was called to order at 3:16pm by Vice Chair Brian Sparling. Secretary Mark Cheatham was also present.

This was the second meeting of the working group, rosters were circulated and members asked to stand to determine quorum, quorum was reached with 38 of 68 members present. The attendance for the meeting was as follows:

Number of Members in Activity = 68

Number of Members Present = 38

Quorum Present = 55.9%

Number of attendees = 130

Attendees requesting Membership = 11

The WG does plan to meet at the spring 2018 Transformers Committee Meeting in Pittsburgh.

PAR Status: PAR for a Revision to an existing IEEE Standard

**Type of Project:** Revision to IEEE Standard C57.143-2012

**PAR Request Date:** 19-Nov-2016

**PAR Approval Date:** 17-Feb-2017

**PAR Expiration Date:** 31-Dec-2021

The Agenda for the meeting was reviewed as seen below.

**MEETING AGENDA**

- A. Welcome & Introduction
- B. Call for Patent Disclosure
- C. Roster Circulation
- D. *Quorum Roll Call*
- E. Chair Remarks
- F. New Members – Indicate on Roster
- G. Working Group Activities
  - 1. Discuss scope of C57.143 PAR, identify suggestions that may be outside of scope, and determine course of action.
  - 2. Presentation to go over suggestions/comments from the Review Team submitted last month. Including suggested, additional content, modification of existing Chapters, and Annex sections
- H. New Business

If you have any new business items to present at the meeting, please inform the Chairman, and Vice Chairman, as well as the Secretary, with your suggestion, for review, to make sure it fits within the scope and time of this meeting. Already identified include;

1. Adding to the introduction statements related to WHY, a transformer owner wants to monitor their transformer
2. Addition of a new Chapter on Data Analytics
3. Improvement to Chapter dealing with communications
4. Concepts on change management, and how the outputs of the system can deliver the value sought.
5. Moving ANNEX 'E' into a new Chapter.
6. Moving ANNEX 'D' into a new Chapter
7. Set up task forces as needed to begin editing different sections of the guide.

Brian Sparling asked for any patent claims against C57.143 to be raised by attendees, none were expressed.

Brian Sparling reviewed the scope of the PAR with the WG and posed the question to the group of whether the scope should be revised to consider covering interpretation of monitoring results. There was much discussion on this by the group, with support for revision and opposition ultimately leading to a motion by Roger Verdolin to remove the word "Not" from the last line of the scope as follows; "This guide does **not** cover interpretation of monitoring results." The motion was seconded by Joe Watson, a vote by the working group did not meet the required support to carry the motion and thus no change to the scope.

Brian Sparling reviewed the purpose of the PAR with the WG. Luiz Chiem made a motion to add the word supply to the purpose as follows:

"The purpose of this document is to provide guidance to those who **supply**, specify, apply, install, and use on-line monitoring equipment on liquid-immersed power transformers and their components"

The motion was seconded by Emilio Morales, a vote by the working group members present did not meet the required support to carry the motion and thus no change to the purpose.

Brian Sparling Presented suggestions/comments from the Review Team submitted last month. Including suggested, additional content, modification of existing Chapters, and Annex sections with the working group. The presentation also covered the content comparison between C57.143-2012 and Cigre TB 630. A copy of this presentation will be shared with the working group.

Brian Sparling informed the WG that members will be contacted prior to the Pittsburgh meeting based on their communicated interest and expertise to form TF to focus on specific sections of the guide for revision.

A motion to Adjourn was given by Luiz Cheim and seconded by Roger Verdolin