

Working Group for Acceptance and Maintenance of Insulating Liquids

Monday, March 26, 2018

9:30 – 10:45 AM

CL(A)

Pittsburgh, PA

Chairman Tom Prevost (absent)

Vice Chair Scott Reed

The meeting was called to order at 9:35 am by Vice Chair Scott Reed.

There were 22 of 43 members present. There were 19 guests and 29 visitors. A membership quorum was achieved.

Agenda

- 1) Introductions
- 2) No Quorum Necessary
- 3) Approval of Agenda
- 4) No Approval of TF Fall 2017 Minutes Necessary
- 5) Call for Patents
- 6) Status of PAR
- 7) New Document:
 - a. Title
 - b. Scope
 - c. Purpose
- 8) Presentation and discussion of document format
- 9) Establishment of Task Forces
- 10) Task Force Objectives
- 11) New Business
- 12) Adjourn

Due to the time constraints, attendees did not introduce themselves.

There was unanimous approval of the Agenda.

Vice Chairman Reed posted the Patent Claim. No claims were made.

Since this was the first Working Group meeting, there were no previous meeting minutes to approve.

Vice Chair's Remarks:

Vice Chairman Reed announced the PAR was approved and expires December 31, 2022. Because it was the first meeting, Reed shared that active members from the Task Force were left as members and the guest who attended the last meeting were given membership status.

Next, the title, scope and purpose were reviewed. Jim Thompson asked if this guide would consolidate C57.637 and Vice Chair Reed said no. Next, the Vice Chair reviewed the six task forces that were created and which sections are covered by the task force. The Task Force Chairs that were present spoke about their respective Task Forces and identified who has already to volunteer:

TF1: Types of Insulating Liquids—led by Jinesh Malde with Attila Gyore, Jayme Nunes, Alan Sbravati, David Sundin, Suh Joon Han and Andy Holder

TF2: In Service—led by Scott Reed with James Gardner, Dominique Bolliger, Bob Rasor, Rick Cantrell and Stu Chambers

TF3: Mixture of Insulating Liquids—led by Clair Claiborne with Hali Moleski

TF4: Maintenance of Insulating Liquids—led by Rich Simonelli with Greg Steves and Scott Reed

TF5: Insulating Liquids for LTCs—led by Rainer Frotscher with Dave Hanson, Luiz Cheim, Paul Bowman and Mike Lau

TF6: Editorial—Not Assigned but Toby Johnson volunteered to contribute

Patrick McShane questioned whether De-Energized Tap Changers (DETC) should be included as part of LTC's. Luiz Cheim opined that a DETC is not its own compartment and therefore would not need to be covered. It was agreed that the focus is on the insulating liquid values and not application issues.

A question was asked where Voltage Regulators will be covered. It was mentioned perhaps under the LTC section.

Next, it was questioned why 'New' Liquids is broken into three sections: As Supplied, As received, After Filling. After reviewing C57.106 and confirming that C57.147 mirrored C57.106, the group felt it would be better to have it divided in two sections: New Insulating Liquids as Received from the Supplier and New Insulating Liquids Received in New Equipment or After Filling.

Patrick McShane questioned whether it should be worded as 'New' Insulating Liquids or 'Unused' Insulating Liquids. He referenced that ASTM had switch a standard from 'New' to 'Unused.' The working group was asked to consider how it should phrased and we could review in Jacksonville.

Finally, the Vice Chair outlined the Task Force objectives for the next meeting:

- Organize Task Force Committees
- Define Scope and Content of each Task Force
- Establish a Work Schedule
- Assemble Applicable Content from other Standards
- Determine New Content that should be included as part of the Task Force (i.e. Use of Natural Esters at 800 kV)
- Have the Framework Ready and Present Update at the Jacksonville, FL Meeting

No New Business was discussed and the meeting was adjourned at 10:38 am.