

# MEETING AGENDA

## Working Group PC57.91

April 27, 2021

3:45 PM – 5:00 PM (CDT, UTC/GMT -5 hours)

Virtual Meeting

Meeting Room: Webex Session 4

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**Chair:** David Wallach

**Vice-Chair:** Javier Arteaga

**Secretary:** Kumar Mani

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### 1. Call to Order

- A. Chair's Remarks
- B. IEEE-SA Policies
  - i. Call for Essential Patents
  - ii. Copyright
- C. Establishment of quorum

### 2. Agenda Review and Approval

### 3. Approval of Meeting Minutes (if quorum is obtained)

- A. Virtual, 2020 Fall – needs approval
- B. December 4, 2020 Webex Meeting – minutes were already approved by email ballot

### 4. PAR Topics

- A. PAR Extension
- B. Timeline review

### 5. Technical Topics

- A. Document draft D3 posted (Wallach)
- B. Development of thermal models based on differential Equations
  - a. Replace Clause 7 with Annex G
  - b. Update Annex G (new Clause 7)
  - c. Disposition of present Clause 7 content (annex-historical?)
  - d. Solicitation of members with fiber optic, top, and/or bottom oil temperature data, and load data.
- C. Annex A – Bubble Evolution – correction of mistakes
- D. Consideration of modifying Clause 5 and Annex I
  - a. Include additional effects of moisture and oxygen on paper aging like IEC 60076-7 – 2018
  - b. Provide recent research on the end of life criteria (DP vs tensile strength).

**6. Action Items**

**7. Next Meeting**

- A. October 19, 2021 – Milwaukee, WI (tentative in-person) or virtual

**8. Adjournment**