

Minutes of Meeting
IEEE Switchgear Liaison Task Force to WG for Revision of IEEE C57.16 -2011

Location: MS Teams (Virtual Meeting)
Date: Monday October 5th, 2020 (1:30-3:15 PM CDT)
Participants: 5 Members (62.5% of 8 Members)
3 Guests
8 Total in Attendance

Chair: David Caverly
Secretary: Lucas Collette

IEEE C57.16- 2011, IEEE Standard for Requirements, Terminology and Test Code for Dry-Type Air-Core Series Connected Reactors

1. Call to Order

Chair called to order and presented agenda.

2. Introductions and Formation of Attendance Sheet

Introductions performed and attendance sheet completed.

3. Liaison Task Force Status and Membership

Chair provided a brief status of the LTF and displayed the current roster.

4. IEEE Patent Policy

Patent and copyright policy presented. No Patent claims identified.

5. Approval of Agenda

Agenda for the meeting was reviewed.

Motion to Approve: Roy Alexander

Second: Luke Collette

No objections or abstentions – Motion approved

6. Approval of Minutes from Last Meeting

Minutes from the previous meeting were reviewed and no questions or comments provided.

Motion to Approve: Luke Collette

Second: Roy Alexander

No objections or abstentions – Motion approved

7. PC57.16 Timeline and Update from Last Transformer Committee Meeting

Standard expires in 2021, and the PAR expires in 2020. An extension request is underway.

8. Overview/Open Discussion of first Draft of Annex B-1 to IEEE Std C57.16

Chair asked if anyone had a chance to review the document and if they had any questions or comments. No questions or comments were provided.

The chair briefly reviewed the document.

There was a comment that the document seems to be on the right track with a “tutorial-like” approach.

Chair asked if we should add more detail for “other concerns” such as ground potential rise, control circuit coupling, etc. There were comments that a brief list is sufficient and users can go to other documents for more detailed information.

No further comments or discussion.

9. Overview/Open Discussion of first Draft of Annex F to IEEE Std C57.16

Chair commented that the document was circulated a few months ago. Comments were received from one LTF member.

10. Next Actions

Outcome of this meeting will be discussed with the transformer group at the next meeting (in a few weeks). Any additional comments from this LTF should be provided within the next few weeks (i.e., by mid-November at the latest) so that the chair can make modifications before the spring switchgear committee meetings.

A suggestion was made to e-mail ballot within the LTF in March to see if the LTF agrees the documents are ready to send to transformer committee.

11. New Business

No additional items added.

12. Next Meetings:

Chair announced the next meetings for the Transformer and Switchgear Committees

- Fall 2020 Transformers: ~~Kansas City~~, Virtual: Oct. 18-22, 2020
- Spring 2021 Switchgear: Charlotte, NC: April 18-23, 2021
- Spring 2021 Transformers: Toronto, Canada: April 25-29, 2021
- Fall 2021 Switchgear: Reno, NV: Oct. 10-14, 2021
- Fall 2021 Transformers: Milwaukee, WI: Oct. 17-21, 2021

13. Adjournment

Motion to Adjourn: Marcus Young

Second: Craig Polchinski

No objections or abstentions – Motion approved

Meeting adjourned at 2:11 PM (CDT).

Reported by:

Luke Collette

Liaison Task Force Secretary

**IEEE PES Switchgear Committee
ADSCOM C57.16 - Meeting Roster**

Place/Date of Meeting: Virtual / October 5th 2020

| Ref. No. | First Name | Last Name | Company Name | Role | 10/5/2020 Attendance |
|-----------------|-------------------|------------------|--|-------------|-----------------------------|
| 1 | Roy | Alexander | RWA Engineering | Member | X |
| 2 | Richard | York | Mitsubishi Electric Power Products Inc. | Guest | |
| 3 | Michael | Wactor | Powell Industries, Inc | Guest | |
| 4 | Victor | Hermosillo | GE Grid Solutions | Member | |
| 5 | Alan | Peterson | Utility Service Corporation | Guest | |
| 6 | Michael | Skidmore | AEP | Guest | |
| 7 | Lucas | Collette | Duquesne Light | Secretary | X |
| 8 | John | Hall | Tennessee Valley Authority | Guest | |
| 9 | Jan | Weisker | Siemens AG | Guest | |
| 10 | Dustin | Sullivan | Hubbell Power Systems | Guest | |
| 11 | Roy | Hutchins | Southern Company Services | Guest | |
| 12 | Jerry | Wen | BC Hydro | Guest | |
| 13 | Matthew | Claxton | Powell Industries | Guest | |
| 14 | David | Caverly | Trench Ltd. | Chair | X |
| 15 | Li | Yu | Eaton Corporation | Guest | |
| 16 | Elizabeth | Toolis | MEPPI | Guest | |
| 17 | Marcus | Young | Mitsubishi Electric Power Products, Inc. | Member | X |
| 18 | Michael | Boulus | PSE&G | Guest | |
| 19 | Craig | Polchinski | MEPPI | Member | X |
| 20 | Edward | Hester | Entergy | Guest | |
| 21 | Craig | Bryant | Duke Energy | Member | |
| 22 | Yingjie | Ling | GE | Member | |
| 23 | Justin | Coletta | Powell Industries | Guest | |
| 24 | Shahab | Mehraeen | Louisiana State University | Guest | |
| 25 | Jeremy | Hensberger | Mitsubishi Electric Power Products, Inc. | Guest | X |
| 26 | Carl | Kurinko | ABB Inc. | Guest | X |
| 27 | Will | Zhang | Hitachi T&D Solutions, Inc. | Guest | X |

IEEE Switchgear Liaison Task Force to WG for Revision of IEEE C57.16 - 2011

IEEE Standard for Requirements, Terminology and Test
Code for Dry-Type Air-Core Series Connected Reactors

Monday, October 5, 2020 // Virtual Meeting

1:30 PM – 3:15 PM CDT

LTF Chairman: David Caverly

LTF Secretary: Lucas Collette

Agenda

1. Welcome
2. Attendance Check
3. Liaison Task Force Status and Membership
4. IEEE Patent Policy
5. Approval of Agenda
6. Approval of Minutes from last Meeting (San Diego)
7. PC57.16 Timeline and Update from last Transformer Committee Meeting
8. Overview/Open Discussion of first draft of new Annex B-1 to IEEE C57.16
9. Overview/Open Discussion of first draft of revised Annex F to IEEE C57.16
10. Next Actions
11. New Business
12. Next Meetings
13. Adjournment

Agenda

1. Welcome
2. Attendance Check
3. Liaison Task Force Status and Membership
4. IEEE Patent Policy
5. Approval of Agenda
6. Approval of Minutes from last Meeting (San Diego)
7. PC57.16 Timeline and Update from last Transformer Committee Meeting
8. Overview/Open Discussion of first draft of new Annex B-1 to IEEE C57.16
9. Overview/Open Discussion of first draft of revised Annex F to IEEE C57.16
10. Next Actions
11. New Business
12. Next Meetings
13. Adjournment

IEEE PES Switchgear Committee
ADSCOM C57.16 - Meeting Roster

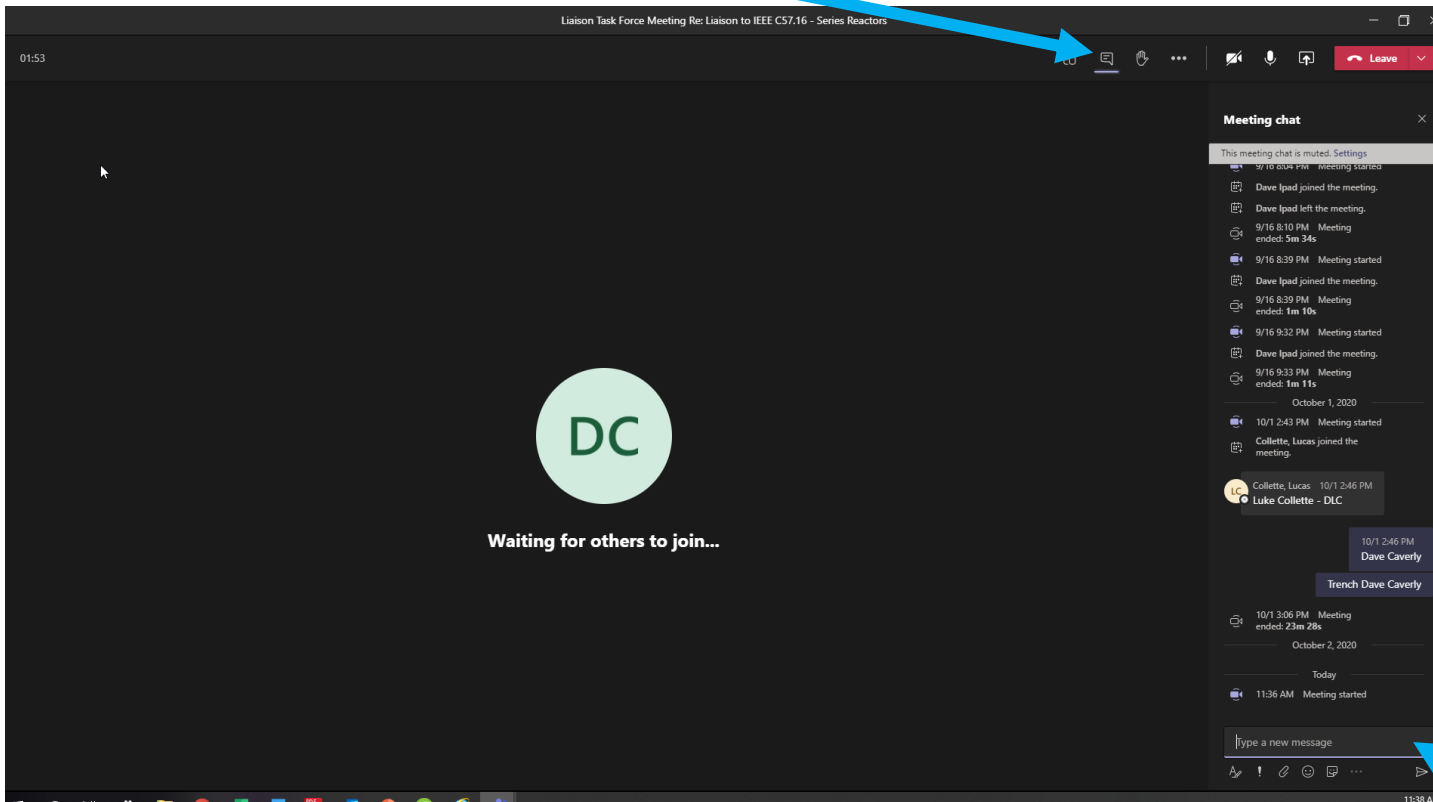
Place / Date of meeting : _____

| Initial to denote attendance | Last name | First name | Company Name | Role |
|------------------------------|------------|------------|--|-----------|
| | Alexander | Roy | RWA Engineering | Member |
| | Boulus | Michael | PSE&G | Guest |
| | Bryant | Craig | Duke Energy | Member |
| | Caverly | David | Trench Ltd. | Chair |
| | Claxton | Matthew | Powell Industries | Guest |
| | Coletta | Justin | Powell Industries | Guest |
| | Collette | Lucas | Duquesne Light | Secretary |
| | Hall | John | Tennessee Valley Authority | Guest |
| | Hermosillo | Victor | GE Grid Solutions | Member |
| | Hester | Edward | Entergy | Guest |
| | Hutchins | Roy | Southern Company Services | Guest |
| | Ling | Yingjie | GE | Member |
| | Mehraeen | Shahab | Louisiana State University | Guest |
| | Peterson | Alan | Utility Service Corporation | Guest |
| | Polchinski | Craig | MEPPI | Member |
| | Skidmore | Michael | AEP | Guest |
| | Sullivan | Dustin | Hubbell Power Systems | Guest |
| | Toolis | Elizabeth | MEPPI | Guest |
| | Wactor | Michael | Powell Industries, Inc | Guest |
| | Weisker | Jan | Siemens AG | Guest |
| | Wen | Jerry | BC Hydro | Guest |
| | York | Richard | Mitsubishi Electric Power Products Inc. | Guest |
| | Young | Marcus | Mitsubishi Electric Power Products, Inc. | Member |
| | Yu | Li | Eaton Corporation | Guest |

If we have made any errors or omissions please tell us !
david.caverly@trench-group.com
icollette@duqlight.com

How to Register Your Attendance

1.) Click on the Chat icon to display the chat on the right side as shown here



2.) Enter your First and Last Name and Company Affiliation in the chat box

IEEE PES Switchgear Committee ADSCOM C57.16 - Meeting Roster

Place / Date of meeting : _____

| Initial to denote attendance | Last name | First name | Company Name | Role |
|------------------------------|------------|------------|--|-----------|
| | Alexander | Roy | RWA Engineering | Member |
| | Boulus | Michael | PSE&G | Guest |
| | Bryant | Craig | Duke Energy | Member |
| | Caverly | David | Trench Ltd. | Chair |
| | Claxton | Matthew | Powell Industries | Guest |
| | Coletta | Justin | Powell Industries | Guest |
| | Collette | Lucas | Duquesne Light | Secretary |
| | Hall | John | Tennessee Valley Authority | Guest |
| | Hermosillo | Victor | GE Grid Solutions | Member |
| | Hester | Edward | Entergy | Guest |
| | Hutchins | Roy | Southern Company Services | Guest |
| | Ling | Yingjie | GE | Member |
| | Mehraeen | Shahab | Louisiana State University | Guest |
| | Peterson | Alan | Utility Service Corporation | Guest |
| | Polchinski | Craig | MEPPI | Member |
| | Skidmore | Michael | AEP | Guest |
| | Sullivan | Dustin | Hubbell Power Systems | Guest |
| | Toolis | Elizabeth | MEPPI | Guest |
| | Wactor | Michael | Powell Industries, Inc | Guest |
| | Weisker | Jan | Siemens AG | Guest |
| | Wen | Jerry | BC Hydro | Guest |
| | York | Richard | Mitsubishi Electric Power Products Inc. | Guest |
| | Young | Marcus | Mitsubishi Electric Power Products, Inc. | Member |
| | Yu | Li | Eaton Corporation | Guest |

If we have made any errors or omissions please tell us !
david.caverly@trench-group.com
icollette@duqlight.com

Agenda

1. Welcome
2. Attendance Check
3. Liaison Task Force Status and Membership
4. IEEE Patent Policy
5. Approval of Agenda
6. Approval of Minutes from last Meeting (San Diego)
7. PC57.16 Timeline and Update from last Transformer Committee Meeting
8. Overview/Open Discussion of first draft of new Annex B-1 to IEEE C57.16
9. Overview/Open Discussion of first draft of revised Annex F to IEEE C57.16
10. Next Actions
11. New Business
12. Next Meetings
13. Adjournment

Liaison Task Force (LTF) Status and Membership

- Spring 2019 Meeting – Burlington
 - Request was made to HVCB to establish LTF
 - motion made and carried within HVCB
- subsequent decision was made to move this LTF to ADSCOM
- San Diego (Fall 2019) was the inaugural meeting of the LTF
- there was a Fall 2019 Transformers meeting (Columbus) after our San Diego meeting ... but the Spring Transformers meeting was cancelled
- We did not hold a meeting at the Spring 2020 Virtual Switchgear meeting
- LTF Membership:
 - Anyone who attended in Burlington, or San Diego, may become a member of the LTF by sending an email to the LTF Chair (D. Caverly) or Secretary (L. Collette)
 - Any others who wish to become members can do so based on normal IEEE Switchgear rules. Send an email request to the LTF Chair (D. Caverly) or Secretary (L. Collette)

Agenda

1. Welcome
2. Attendance Check
3. Liaison Task Force Status and Membership
4. IEEE Patent Policy
5. Approval of Agenda
6. Approval of Minutes from last Meeting (San Diego)
7. PC57.16 Timeline and Update from last Transformer Committee Meeting
8. Overview/Open Discussion of first draft of new Annex B-1 to IEEE C57.16
9. Overview/Open Discussion of first draft of revised Annex F to IEEE C57.16
10. Next Actions
11. New Business
12. Next Meetings
13. Adjournment

IEEE Patent Policy

Instructions for the WG Chair

The IEEE-SA strongly recommends that at each WG meeting the chair or a designee:

- **Show slides #1 through #4 of this presentation**
- **Advise the WG attendees that:**
 - IEEE's patent policy is described in Clause 6 of the *IEEE-SA Standards Board Bylaws*;
 - Early identification of patent claims which may be essential for the use of standards under development is strongly encouraged;
 - There may be Essential Patent Claims of which IEEE is not aware. Additionally, neither IEEE, the WG, nor the WG Chair can ensure the accuracy or completeness of any assurance or whether any such assurance is, in fact, of a Patent Claim that is essential for the use of the standard under development.
- **Instruct the WG Secretary to record in the minutes of the relevant WG meeting:**
 - That the foregoing information was provided and that slides 1 through 4 (and this slide 0, if applicable) were shown;
 - That the chair or designee provided an opportunity for participants to identify patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) of which the participant is personally aware and that may be essential for the use of that standard
 - Any responses that were given, specifically the patent claim(s)/patent application claim(s) and/or the holder of the patent claim(s)/patent application claim(s) that were identified (if any) and by whom.
- The WG Chair shall ensure that a request is made to any identified holders of potential essential patent claim(s) to complete and submit a Letter of Assurance.
- It is recommended that the WG Chair review the guidance in *IEEE-SA Standards Board Operations Manual* 6.3.5 and in FAQs 14 and 15 on inclusion of potential Essential Patent Claims by incorporation or by reference.

IEEE Patent Policy

Participants have a duty to inform the IEEE

- Participants shall inform the IEEE (or cause the IEEE to be informed) of the identity of each holder of any potential Essential Patent Claims of which they are personally aware if the claims are owned or controlled by the participant or the entity the participant is from, employed by, or otherwise represents
- Participants should inform the IEEE (or cause the IEEE to be informed) of the identity of any other holders of potential Essential Patent Claims

**Early identification of holders of potential
Essential Patent Claims is encouraged**

Ways to inform IEEE

- Cause an LOA to be submitted to the IEEE-SA (patcom@ieee.org); or
- Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
- **Speak up now and respond to this Call for Potentially Essential Patents**

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

Other guidelines for IEEE WG meetings

- **All IEEE-SA standards meetings shall be conducted in compliance with all applicable laws, including antitrust and competition laws.**
 - **Don't discuss the interpretation, validity, or essentiality of patents/patent claims.**
 - **Don't discuss specific license rates, terms, or conditions.**
 - Relative costs of different technical approaches that include relative costs of patent licensing terms may be discussed in standards development meetings.
 - **Technical considerations remain the primary focus**
 - **Don't discuss or engage in the fixing of product prices, allocation of customers, or division of sales markets.**
 - **Don't discuss the status or substance of ongoing or threatened litigation.**
 - **Don't be silent if inappropriate topics are discussed ... do formally object.**

For more details, see *IEEE-SA Standards Board Operations Manual*, clause 5.3.10 and *Antitrust and Competition Policy: What You Need to Know* at <http://standards.ieee.org/develop/policies/antitrust.pdf>

Patent-related information

The patent policy and the procedures used to execute that policy are documented in the:

- ***IEEE-SA Standards Board Bylaws***
(<http://standards.ieee.org/develop/policies/bylaws/sect6-7.html#6>)
- ***IEEE-SA Standards Board Operations Manual***
(<http://standards.ieee.org/develop/policies/opman/sect6.html#6.3>)

Material about the patent policy is available at
<http://standards.ieee.org/about/sasb/patcom/materials.html>

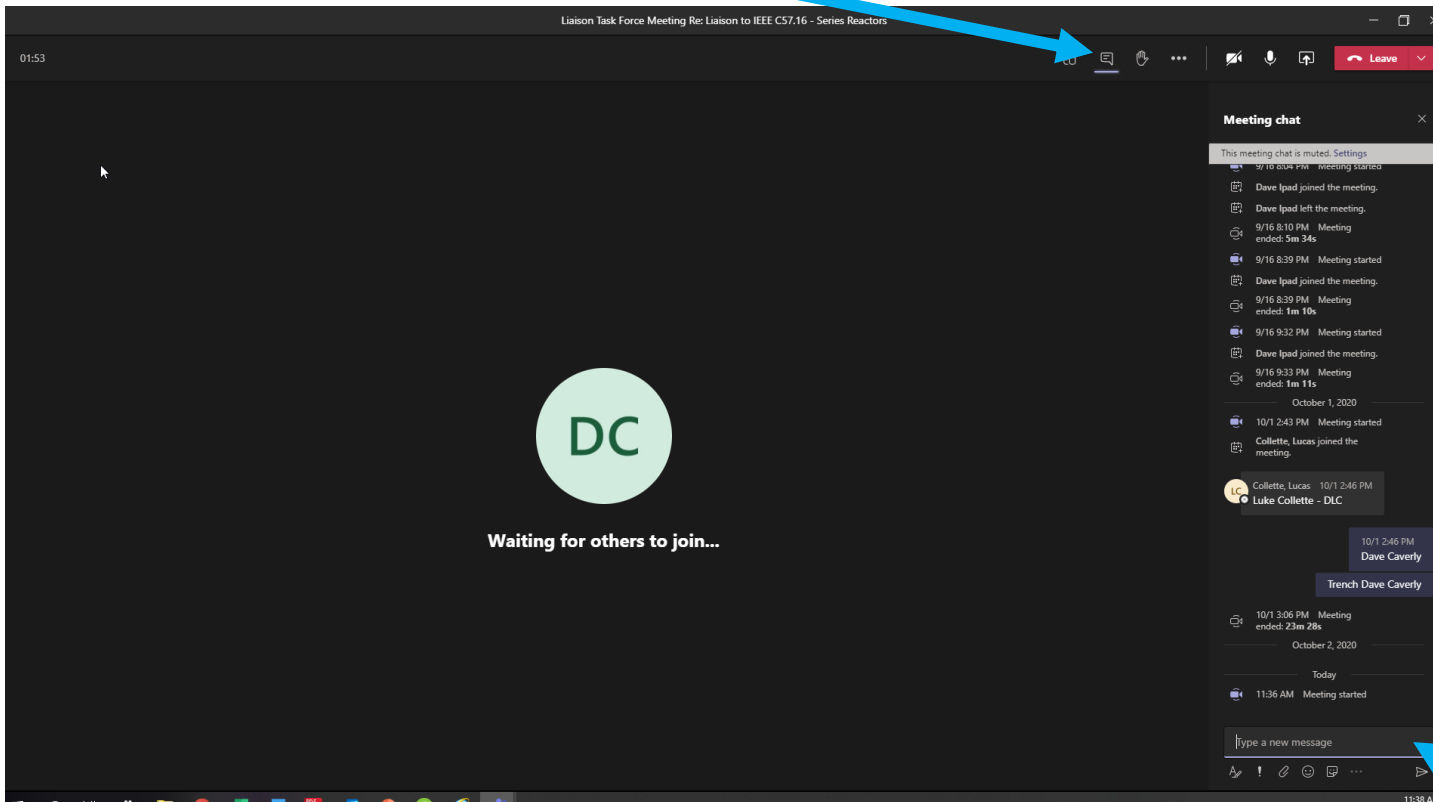
**If you have questions, contact the IEEE-SA
Standards Board Patent Committee
Administrator at patcom@ieee.org**

Attendance Check

- any new arrivals?

How to Register Your Attendance

1.) Click on the Chat icon to display the chat on the right side as shown here



2.) Enter your First and Last Name and Company Affiliation in the chat box

Agenda

1. Welcome
2. Attendance Check
3. Liaison Task Force Status and Membership
4. IEEE Patent Policy
5. Approval of Agenda
6. Approval of Minutes from last Meeting (San Diego)
7. PC57.16 Timeline and Update from last Transformer Committee Meeting
8. Overview/Open Discussion of first draft of new Annex B-1 to IEEE C57.16
9. Overview/Open Discussion of first draft of revised Annex F to IEEE C57.16
10. Next Actions
11. New Business
12. Next Meetings
13. Adjournment

Agenda

1. Welcome
2. Attendance Check
3. Liaison Task Force Status and Membership
4. IEEE Patent Policy
5. Approval of Agenda
6. Approval of Minutes from last Meeting (San Diego)
7. PC57.16 Timeline and Update from last Transformer Committee Meeting
8. Overview/Open Discussion of first draft of new Annex B-1 to IEEE C57.16
9. Overview/Open Discussion of first draft of revised Annex F to IEEE C57.16
10. Next Actions
11. New Business
12. Next Meetings
13. Adjournment

Minutes of Meeting

IEEE Switchgear Liaison Task Force to WG for Revision of IEEE C57.16 -2011

Location: San Diego, CA
Macaw Room
Date: Tuesday October 8th, 2019 (2:00-3:45 PM)
Participants: 14 Attendees
7 Requesting Membership (Including Chair and Secretary)

Chair: David Caverly
Secretary: Lucas Collette

IEEE C57.16- 2011, IEEE Standard for Requirements, Terminology and Test Code for Dry-Type Air-Core Series Connected Reactors

1. Call to Order

Chair called to order and presented agenda.

2. Introductions and Circulation of Attendance Sheets

Introductions performed and attendance sheet circulated.

3. Liaison Task Force Status and Membership

Chair commented regarding the formation of the task force and since this was the first official meeting of the task force, those in attendance who would like to request membership should do so on the attendance sheet.

4. IEEE Patent Policy

Patent and copyright policy presented. No Patent claims identified.

5. Purpose of this Meeting and Agenda Review

Chair described the purpose of the task force and how the existing document (C57.16) does not include specific guidance on defining reactor ratings.

Agenda for the meeting was reviewed and the chair asked if there were any comments or additions. There were no responses for comments or additions to the agenda.

6. Brief Review of Minutes from last meeting

Minutes from the previous meeting were reviewed.

7. PC57.16 Timeline (Reminder)

Standard expires in 2021, and the PAR expires in 2020. It is anticipated an extension to the PAR will be requested.

8. Outline of first draft concept/approach of proposed revisions to of IEEE C57.16 Annex B
Chair reminded the task force that C57.16 is a product standard and not an application guide. The suggestion by the chair was presented to add an informative Annex that describes how capacitor bank reactors are sized.

9. Open Discussion on proposed concept/approach to revisions to Annex B

The following is a summary of the points discussed during the meeting with respect to the proposed Annex.

Question was raised as to whether HVCB documents already have the information proposed for Annex B?

- One response was that the mechanical short-time current rating is the only one that is of question as not being defined.
- Another response is that inrush current peak and frequency are defined by IEEE Std C37.04. For short-time current, circuit breakers use 2.6 times short-circuit current rating. It was suggested that these values could be used for the reactor as well.
- A comment was made as to whether the reactor ratings should be picked based on the breaker ratings or vice versa.

Question was raised as to whether a tutorial-like Annex in C57.16 or an entirely new document should be created.

- It was discussed that the proposed approach is to include an Annex in C57.16 which briefly describes the ratings/concerns and then references other existing documents for more detailed information.
- The Annex will also include details on how to apply the detailed information obtained from the reference documents.

Chair asked the Task Force if there were any objections to the approach of creating the tutorial-like Annex in the existing C57.16 document. There were no objections.

10. Annex F Draft Status & Invitation for input

Chair presented Annex F which includes information on reactor-limited fault TRVs. Chair noted Annex F is applicable to all reactors and not just those used in capacitor switching applications.

The chair asked for volunteers to review and provide comments on Annex F by 12/31/2019. The following is a list of the volunteers:

- Craig Polchinski
- Michael Wactor
- Victor Hermosillo
- Marcus Young

11. Next Actions

Chair to present to the Transformer Committee the Task Force's plan to add an informative Annex that describes how capacitor bank reactors are sized.

12. New Business

No additional items added.

13. Next Meetings:

Chair announced the next meetings for the Transformer and Switchgear Committees

- Fall Transformers: Columbus, OH: Oct. 27-31, 2019
- Spring Transformers: Charlotte, NC: March 22-26, 2020
- Spring Switchgear: Reno, NV: May 4-8, 2020
- Fall Switchgear: Fort Worth, TX: Oct. 4-8, 2020
- Fall Transformers: Kansas City, MO: Oct. 18-22, 2020

14. Adjournment

Chair adjourned the meeting at 3:45 PM.

Reported by:

Luke Collette

Liaison Task Force Secretary

Spring 2019
Burlington, Vermont
Minutes

Fall 2019
San Diego
Minutes

Agenda

1. Welcome
2. Attendance Check
3. Liaison Task Force Status and Membership
4. IEEE Patent Policy
5. Approval of Agenda
6. Approval of Minutes from last Meeting (San Diego)
7. PC57.16 Timeline and Update from last Transformer Committee Meeting
8. Overview/Open Discussion of first draft of new Annex B-1 to IEEE C57.16
9. Overview/Open Discussion of first draft of revised Annex F to IEEE C57.16
10. Next Actions
11. New Business
12. Next Meetings
13. Adjournment

IEEE PC57.16 Timeline:

- Standard expires in 2021
- Par expires in 2020 - extension request underway

update

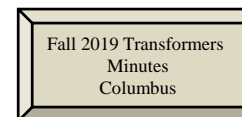
○ So we have :

- 3 more meetings in Transformers Committee
with a PAR extension (before Standard expires)

IEEE C57.16 – 2011 LTF

Update from Transformers Committee WG – Fall 2019 Meeting (Columbus)

- there has been only one Transformers Committee (Fall 2019, Columbus) meeting since the Fall 2019 Switchgear meeting in San Diego
- At the Fall 2019 Transformers meeting the WG was briefed on our San Diego Meeting and our San Diego minutes were reviewed
- An outline of possible structure and contents of informative Annex B-1 was presented and the WG was supportive of the approach
- Intention was to have an initial draft by Spring 2020 Transformers meeting however this meeting was cancelled due to COVID-19. The current draft will be presented today and again at the Transformers meeting in a week



Agenda

1. Welcome
2. Attendance Check
3. Liaison Task Force Status and Membership
4. IEEE Patent Policy
5. Approval of Agenda
6. Approval of Minutes from last Meeting (San Diego)
7. PC57.16 Timeline and Update from last Transformer Committee Meeting
8. Overview/Open Discussion of first draft of new Annex B-1 to IEEE C57.16
9. Overview/Open Discussion of first draft of revised Annex F to IEEE C57.16
10. Next Actions
11. New Business
12. Next Meetings
13. Adjournment

**C57.16
Annex B-1
Draft rev3**

C57.16

Agenda

1. Welcome
2. Attendance Check
3. Liaison Task Force Status and Membership
4. IEEE Patent Policy
5. Approval of Agenda
6. Approval of Minutes from last Meeting (San Diego)
7. PC57.16 Timeline and Update from last Transformer Committee Meeting
8. Overview/Open Discussion of first draft of new Annex B-1 to IEEE C57.16
9. Overview/Open Discussion of first draft of revised Annex F to IEEE C57.16
10. Next Actions
11. New Business
12. Next Meetings
13. Adjournment

**C57.16
Annex F
rev1**

**C57.16
Annex F
New Draft
rev3**

Agenda

1. Welcome
2. Attendance Check
3. Liaison Task Force Status and Membership
4. IEEE Patent Policy
5. Approval of Agenda
6. Approval of Minutes from last Meeting (San Diego)
7. PC57.16 Timeline and Update from last Transformer Committee Meeting
8. Overview/Open Discussion of first draft of new Annex B-1 to IEEE C57.16
9. Overview/Open Discussion of first draft of revised Annex F to IEEE C57.16
10. Next Actions
11. New Business
12. Next Meetings
13. Adjournment

Next Actions

- present outcome of today's meeting to Trx WG in 2 weeks
- Comments would be appreciated on present versions Annex B-1 and Annex F
 - ideally by mid November
- Continue to work between meetings on Annex B-1 and Annex F
- Distribute a new Draft for review and comment before Spring Switchgear meeting

Agenda

1. Welcome
2. Attendance Check
3. Liaison Task Force Status and Membership
4. IEEE Patent Policy
5. Approval of Agenda
6. Approval of Minutes from last Meeting (San Diego)
7. PC57.16 Timeline and Update from last Transformer Committee Meeting
8. Overview/Open Discussion of first draft of new Annex B-1 to IEEE C57.16
9. Overview/Open Discussion of first draft of revised Annex F to IEEE C57.16
10. Next Actions
11. New Business
12. Next Meetings
13. Adjournment

Agenda

1. Welcome
2. Attendance Check
3. Liaison Task Force Status and Membership
4. IEEE Patent Policy
5. Approval of Agenda
6. Approval of Minutes from last Meeting (San Diego)
7. PC57.16 Timeline and Update from last Transformer Committee Meeting
8. Overview/Open Discussion of first draft of new Annex B-1 to IEEE C57.16
9. Overview/Open Discussion of first draft of revised Annex F to IEEE C57.16
10. Next Actions
11. New Business
12. Next Meetings
13. Adjournment

Next Meetings

- Fall 2020 Switchgear: ~~Fort Worth~~, Virtual: Oct. 4-8, 2020
- Fall 2020 Transformers: ~~Kansas City~~, Virtual: Oct. 18-22, 2020
- Spring 2021 Switchgear: Charlotte, NC: April 18-23, 2021
- Spring 2021 Transformers: Toronto, Canada: April 25-29, 2021
- Fall 2021 Switchgear: Reno, NV: Oct. 10-14, 2021
- Fall 2021 Transformers: Milwaukee, WI: Oct. 17-21, 2021