

Chair: Antone Bonner

Meeting Minutes

1. Call to order and introduction:

The Task Force for the development of a standard specifically for Fault Interrupters held its first meeting September 17, 2013 in San Antonio, Texas, USA in conjunction with the IEEE Switchgear meetings. Chair Antone Bonner opened the meeting at 8:00 AM.

2. Roster Check:

Introductions were made. Attendance included 21 members of the Task Force and 5 guests. Refer to Annex A for the attendance list. Since the task force is new and its formation may not be widely known, invitations to join will be sent to the members of the C37.60 and C37.74 working groups.

A moment of silence was held in remembrance of Tim Taylor of ABB/T&B who passed away last month. Tim would have been a member of the group. Our prayers are for his friends and family.

3. Previous Meeting Minutes

This is the first meeting of this working group.

4. Meeting Highlights

a. Project Background:

- Fault Interrupters and Reclosers have been combined in a single standard for many decades. During that time, the international use of reclosers has grown substantially in areas which specify to IEC standards whereas fault interrupter usage has predominately stayed in regions which specify to IEEE standards
- It was decided that a separate standard under IEEE will allow fault interrupter standard requirements to be maintained by those who are most interested in the device, i.e. those who use, specify, and manufacture fault interrupters.
- Therefore, a proposal to create a new standard for fault interrupters, separate from the recloser standard, was approved at the Spring 2013 C37.60 working group meeting. It was approved in the RODE Subcommittee and in the Switchgear Committee and a task force was formed.

b. Project Timeline

- The Task Force's intent is not to change the requirements that existed in C37.60 but to roll them over to a new standard with a minimal amount of change.
- Timeline:
 - I. Form Task Force Sep 2013
 - II. PAR written Sep 2013
 - III. Standard drafted Sep 2013

IV.	PAR approved (TF status changes to WG)	Dec 2013
V.	Standard balloted in WG	Jan 2014
VI.	Ballot pool formed	?
VII.	Standard balloted in pool	Jun 2014
VIII.	Revisions incorporated	Oct 2014
IX.	Standard balloted 2nd time in pool	Dec 2014
X.	Standards Board approval	Mar 2015

The task force has been formed, the PAR has been drafted, and the first draft of the standard has been completed.

c. Project Authorization (PAR):

- The draft was reviewed and keys parts of the PAR were reviewed and agreed upon as follows. Antone will enter the approved text in the IEEE MYPROJECT and submit before the Oct 21 deadline (deadline for NESCOM December meeting). It was agreed that overhead fault interrupters would be included in the scope but since overhead is less common than padmounted, it would be listed last in the title and scope as opposed to C37.60 where “overhead” is listed first.

- Key PAR text:

2.1 Title: Standard for Pad Mounted, Dry Vault, Submersible, and Overhead Fault Interrupters for alternating current systems up to 38 kV

5.2 Scope: This standard applies to all pad mounted, dry vault, submersible, and overhead single or multi-pole alternating current fault interrupters for rated maximum voltages above 1000V and up to 38 kV and supersedes the requirements for these devices in IEEE Std C37.60-2012. Automatic circuit reclosers are not covered by this standard. In order to simplify this standard where possible, the term “FI” has been substituted for fault interrupter.

5.5 Need for the Project: As fault interrupters are to be removed from dual logo IEEE/IEC C37.60 standard this project is intended to create a new standard covering the requirements and specification of these devices. As fault interrupters are primarily used in regions where equipment is specified to IEEE standards it is appropriate for this to be an IEEE standard and not a dual logo. The intent is that it will maintain its focus on fault interrupters without being influenced by the requirements of other switchgear.

- d. Standard PC37.XX, Draft 0 was presented. Assignments were accepted by task force members to review specific chapters and compare the chapter with C37.60–2012 and C37.60-2003. The review teams, of two to four members each, are to work together, combine their efforts, and send the end result to Antone Bonner on or before Friday, December 6, 2013.

Chapter Review Action Items:

- I. Chapter 1, 2, 3 and 4: Antone Bonner, Wangpei Li,
- II. Chapter 5: Don Martin, Ben Rosenkrans, Ed Jankowich
- III. Chapter 6: Chris Ambrose, Bill Walter, Tim Royster

- IV. Chapter 7: Frank DeCesaro, Scott Reed, Tom Stefanski, Harm Bannink
- V. Chapter 8: Larry Putman, Dave Beseda, Jim Swank
- VI. Annexes: All

Antone Bonner will go to Erin Spiewak to setup Central Desktop for the group to communicate through.

5. Next meeting:

Spring 2014: May 6, 2014 - Disney Contemporary Hotel, Orlando, FL USA

6. Meeting was adjourned at 9.30 AM

Meeting Attendance

X = present at meeting; E – excused, A – absent (N) new member

Role	First Name	Last Name	Company	09/17/13
Member	Peter	Agliata	Hubbell Power Systems	X
Member	Chris	Ambrose	Federal Pacific	X
Chair	Antone	Bonner	Eaton's Cooper PS	X
Member	Frank	DeCesaro	Eaton's Cooper PS	X
Member	Ed	Jankowich	ABB / T&B	X
Member	Chris	Lettow	S&C Electric Company	E
Member	Don	Martin	G&W Electric Company	X
Member	Larry	Putman	Powell Electrical Systems	X
Member	Tim	Royster	Dominion Virginia Power	X
Member	Francois	Soulard	Hydro Quebec	X
Member	Dave	Stone	DTS Technical Services	E
Member	Jim	Swank	Eaton's Cooper PS	X
Member	Nenad	Uzelac	G&W Electric Co.	E
Member	Bill	Walter	WE Energies	X
Member	Leslie	Falkingham	VIL	X
Member	Scott	Reed	S&C Electric company	X
Member	David	Beseda	S&C Electric company	X
Member	Tom	Stefanski	Powertech Labs	X
Member	Ben	Rosenkrans	Eaton Corp	X
Guest	Reid	Herzog	Okla Gas & Electric	X
Member	Harm	Bannink	DNV KEMA	X
Member	Steve	Meiners	GE	X
Member	John Paul	Adigwu	SCE	X
Member	Jeff	Geiger	T&B / Elastimold	X
Guest	Ken	Lee	T&B / Elastimold	X
Member	Paul	Found	BC Hydro	X
Member	Wangpei	Li	Eaton	X
Guest	Peter	Glaesman	Reuel	X
Guest	Andrew	Swisher	SCE	X

Submitted by:

Antone Bonner
 Working Group Chair, C37.XX
 Reclosers and Other Distribution Switchgear Subcommittee
 September 24, 2013