ADSCOM Report

Spring 2013

1. STANDARDS COORDINATORS REPORT

The rule changes for the document maintenance cycle have eliminated the reaffirmation process. The documents now have a 10-year life. Activity to revise documents must occur during that time period. The document cannot be reaffirmed as a stop-gap while the revision takes place.

2. DOCUMENT STATUS

There are 45 Switchgear documents scheduled for Administrative Withdrawal on 31 December 2018. This means the typical 5-year revision process must begin now. Note that after the Amendments, Corrigendum, etc. are accounted for and rolled into the base documents, we will require 37 working groups to address these documents. The list of documents scheduled to expire is provided by responsible subcommittee below:

ADSCOM

C37.59-2007	IEEE Standard Requirements for Conversion of Power Switchgear Equipment
C37.100-1992	IEEE Standard Definitions for Power Switchgear
C37.100.1-2007	IEEE Standard of Common Requirements for High Voltage Power Switchgear Rated Above 1000 V

HVCB

C37.04-1999	IEEE Standard Rating Structure for AC High-Voltage Circuit Breakers
C37.04a-2003	IEEE Standard Rating Structure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis: Amendment 1 Capacitance Current Switching
C37.04b-2008	IEEE Standard for Rating Structure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis Amendment 2: To Change the Description of Transient Recovery Voltage for Harmonization with IEC 62271-100
C37.09-1999	IEEE Standard Test Procedure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis

C37.09-1999/Cor 1-2007 IEEE Standard Test Procedure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis - Corrigendum 1

C37.09a-2005 American National Standard Test Procedure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis Amendment 1: Capacitance Current Switching

C37.010-1999 IEEE Application Guide for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis

C37.013-1997 IEEE Standard for AC High-Voltage Generator Circuit Breakers Rated on a Symmetrical Current Basis

C37.013a-2007 IEEE Standard for AC High Voltage Generator Circuit Breakers Rated on a Symmetrical Current Basis - Amendment 1: Supplement for Use with Generators Rated 10-100 MVA

C37.016-2006 IEEE Standard for AC High Voltage Circuit Switchers rated 15.5kV through 245kV

C37.081-1981 IEEE Guide for Synthetic Fault Testing of AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis

C37.081a-1997 Supplement to IEEE Guide for Synthetic Fault Testing of AC High Voltage Circuit Breakers Rated on a Symmetrical Current Basis

C37.083-1999 IEEE Guide for Synthetic Capacitive Current Switching Tests of AC High-Voltage Circuit Breakers

C37.10.1-2000 IEEE Guide for the Selection of Monitoring for Circuit Breakers

C37.11-1997 IEEE Standard Requirements for Electrical Control for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis

C37.12-2008 IEEE Guide for Specifications of High-Voltage Circuit Breakers (over 1000 Volts)

C37.12.1-2007 IEEE Guide for High-Voltage (>1000 V) Circuit Breaker Instruction Manual Content

HVF

C37.41-2008 IEEE Standard Design Tests for High-Voltage (>1000 V) Fuses, Fuse and Disconnecting Cutouts, Distribution Enclosed Single-Pole Air Switches, Fuse Disconnecting Switches, and Fuse Links and Accessories Used with These Devices

C37.43-2008 IEEE Standard Specifications for High-Voltage Expulsion, Current-Limiting, and Combination-Type Distribution and Power Class External

	Fuses, with Rated Voltages from 1 kV through 38 kV, Used for the Protection of Shunt Capacitors
C37.45-2007	IEEE Standard Specifications for High Voltage Distribution Class Enclosed Single-Pole Air Switches with Rated Voltages from 1 through 8.3 kV

HVS

C37.30-1997	IEEE Standard Requirements for High Voltage Switches
C37.32-2002	American National Standard for Switchgear High Voltage Air Switches
C37.34-1994	IEEE Standard Test Code for High-Voltage Air Switches
C37.35-1995	IEEE Guide for the Application, Installation, Operation, and Maintenance of High-Voltage Air Disconnecting and Interrupter Switches
C37.36b-1990	IEEE Guide to Current Interruption with Horn-Gap Air Switches
C37.37-1996	IEEE Loading Guide for AC High-Voltage Air Switches (in Excess of 1000 V)
1247-2005	IEEE Standard for Interrupter Switches for Alternating Current, Rated Above 1000 Volts

LVSD

C37.13-2008	IEEE Standard for Low-Voltage AC Power Circuit Breakers Used in Enclosures
C37.13.1-2006	IEEE Standard for Definite Purpose Switching Devices for Use in Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear
C37.14-2002	IEEE Standard for Low-Voltage DC Power Circuit Breakers Used in Enclosures
C37.27-2008	IEEE Application Guide for Low-Voltage AC Power Circuit Breakers Applied with Separately-Mounted Current-Limiting Fuses

RODE

C37.66-2005	IEEE Standard Requirements for Capacitor Switches for AC Systems (1 kV to 38 kV)
C37.74-2003	IEEE Standard Requirements for Subsurface, Vault, and Padmounted Load-Interrupter Switchgear and Fused Load-Interrupter Switchgear for Alternating Current Systems up to 38 kV

SASC

C37.20.1-2002	IEEE Standard for Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear
C37.20.1a-2005	IEEE Standard for Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear---Amendment 1: Short-Time and Short-Circuit Withstand Current Tests---Minimum Areas for Multiple Cable Connections
C37.20.1b-2006	IEEE Standard for Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear - Amendment 2: Additional Requirements for Control and Auxiliary Power Wiring in DC Traction Power Switchgear
C37.20.2-1999	IEEE Standard for Metal-Clad Switchgear
C37.20.3-2001	IEEE Standard for Metal-Enclosed Interrupter Switchgear
C37.20.6-2007	Standard for 4.76 kV to 38 kV Rated Ground and Test Devices Used in Enclosures
C37.20.7-2007	IEEE Guide for Testing Metal-Enclosed Switchgear Rated Up to 38 kV for Internal Arcing Faults
C37.23-2003	IEEE Standard for Metal-Enclosed Bus
C37.24-2003	IEEE Guide for Evaluating the Effect of Solar Radiation on Outdoor Metal-Enclosed Switchgear

3. PROJECT STATUS

The following is a list of projects which will expire if no action is taken to extend their life. I ask that all the working group chairs review this list and take the appropriate action as follows:

If these projects will not be submitted to RevCom by the submittal deadline for the December 2013 meeting, you need to take one of the following steps:

1. Request an extension for the project (PAR). Please note that extension requests are usually granted from one to two years. Significant justification must be provided for an extension request which exceeds two years.

2. Request withdrawal of the project (PAR).

Log on to myProject (https://development.standards.ieee.org/my-site) to submit a request for either of these actions under the link for 'Submit a PAR'. Once submitted, the request to Extend an Approved PAR or the request to Withdraw an Approved PAR will be placed on the agenda of the next scheduled NesCom meeting. NesCom will make its recommendation based upon the information provided.

The following PARs are due to expire and action is required:

P62271-37-013	"High-Voltage Switchgear and Controlgear - Part 37-013: Alternating-current generator circuit-breakers"
PC37.06.1	Recommended Practice for Preferred Ratings for High-Voltage (>1000 volts) AC Circuit Breakers Designated Definite Purpose for Fast Transient Recovery Voltage Rise Times
PC37.11	Standard Requirements for Electrical Control for AC High-Voltage (>1000V) Circuit Breakers
PC37.016	Standard for AC High Voltage Circuit Switchers Rated 15.5kV through 245kV
PC37.20.2	Standard for Metal-Clad Switchgear
PC37.20.3	Standard for Metal-Enclosed Interrupter Switchgear (1 kV-38 kV)
PC37.30.2	Guide for Wind Loading Evaluation of High Voltage (>1000 V) Air Break Switches

PC37.74 Standard Requirements for Subsurface, Vault, and Padmounted Load-Interrupter Switchgear and Fused Load-Interrupter Switchgear for Alternating Current Systems up to 38 kV

If there is no action taken to extend these projects by the 21 October 2013 NesCom/RevCom submittal deadline, the PAR will expire on 31 December 2013.
The Standards Board work load is substantial in December and they request PAR extension requests be sent in earlier where it is possible. The list below shows the meeting dates and associated deadlines. If you know you need an extension, please send it to the earliest possible meeting.

2013 Meeting Date	Deadline for Submittal
13 June	3 May
22 August	12 July
11 October	30 August
10 December	21 October

Reported 2 May 2013.

Michael Wactor

Standards Coordinator