

DATE: October 5, 2003

TO: Members of IEEE Transformers Committee

FROM: Tom Prevost, Standards Subcommittee Chair

SUBJECT: Standards Activities since the April, 2003 Meeting

TRANSFORMERS STANDARDS AND COORDINATION ACTIVITIES

The transformers standards status is given with one attachment:

Attachment 1 is a list of all the C57 standards, including ANSI C57 standards, sorted by Subcommittee names. It contains a listing of the projects for which a Subcommittee is responsible. The standards that are not assigned yet, or do not belong to the Transformers committee, are listed under the Standards Subcommittee.

DOCUMENTS SUBMITTED TO THE STANDARDS BOARD
(PARs)

IEEE-SA Standards Board
New Standards Committee (NesCom)
Recommendations
19 March 2003

TARGET EXTENSION REQUESTS

PC57.12.25 (PE/TR) Standard for Pad-Mounted, Compartmental-Type, Self-Cooled, Single-Phase Distribution Transformers with Separable Insulated High-Voltage Connectors; High Voltage, 34500 GrdY/19920 Volts and Below, Low Voltage, 240/120 Volts; 167 kVA and Smaller - Requirements (Deferred from the December 2002 meeting)

Recommendation: Approve target extension request until December 2004.

PC57.19.00 (PE/TR) Standard General Requirements and Test Procedure for Power Apparatus Bushings (Deferred from the December 2002 meeting)

Recommendation: Approve target extension request until December 2004.

PC57.140 (PE/TR) Evaluation and reconditioning of Liquid Immersed Power Transformers

Recommendation: Approve target extension request until December 2005.

PARS TO BE ADMINISTRATIVELY WITHDRAWN

PC57.133 (PE/TR) Guide for Short Circuit Testing of Distribution and Power Transformers (Deferred from the December 2002 meeting)

Recommendation: Approve administrative withdrawal.

IEEE-SA Standards Board

New Standards Committee (NesCom)

Recommendations

7 May 2003

PARS FOR THE REVISIONS OF STANDARDS

PC57.13.2 (PE/TR) Conformance Test Procedure for Instrument Transformers

Recommendation: Approve PAR for the revision of a standard until December 2007.

PC57.131 (PE/TR) Standard Requirements for Tap Changers

Recommendation: Approve PAR for the revision of a standard until December 2007.

IEEE-SA Standards Board

New Standards Committee (NesCom)

Recommendations

10 September 2003

PARS FOR REVISIONS OF STANDARDS

PC57.21 (PE/TR) Standard Requirements, Terminology, and Test Code for Shunt Reactors Rated Over 500 kVA

Recommendation: Approve PAR for the revision of a standard until December 2007.

IEEE-SA STANDARDS BOARD REVIEW COMMITTEE (RevCom)

RECOMMENDATIONS

19 March 2003

NEW

C57.127-2000 (PE/TR) IEEE Trial-Use Guide for the Detection of Acoustic Emissions from Partial Discharges in Oil-Immersed Power Transformers

[No negative comments received during trial-use period, which is now complete; Sponsor requests elevation of status to full-use.]

Recommendation: Elevate status of standard from trial-use to full-use. Editorial staff will be notified to implement the necessary changes. IEEE Standards Dept. database will be updated to reflect that the standard will be due for reaffirmation in 2005.

5-YEAR REVIEW OF STANDARDS

PE/TR

C57.13-1993 IEEE Standard Requirements for Instrument Transformers

Sponsor states that a reaffirmation ballot will be initiated.

Recommendation: Extend until December 2003.

C57.19.00-1991 (R1997) IEEE Standard General Requirements and Test Procedure for Outdoor Power Apparatus Bushings

Sponsor has submitted a PAR extension request to NesCom for revision project PC57.19.00.

Recommendation: Extend until the expiration of the PAR for PC57.19.00 [December 2004].

PARs Due to Expire

This letter is to advise you that the projects listed below will expire at the end of 2003 and action will be required.

- PC57.12.01 Standard General Requirements for Dry-Type Distribution and Power Transformers Including Those with Solid Cast and/or Resin Encapsulated Windings
- PC57.130 Trial-Use Guide for the Use of Dissolved Gas Analysis During Factory Temperature Rise Tests for the Evaluation of Oil-Immersed Transformers and Reactors
- PC57.141 Guide for the Application of Load Tap Changers

If the projects will not be submitted to RevCom in time for the December 2003 meeting, you have the following options:

1. Request an extension for the projects. The Target Extension Request Form can be found at <http://standards.ieee.org/guides/par/extension.rtf>. Please note that this extension request can now be from one to four years.
2. Request withdrawal of the projects.

Please advise me in writing of the action that should be taken. This information will be placed on the agenda of the next scheduled NesCom meeting (based upon the date I receive the request), and NesCom will make its recommendation based upon the information provided.

If there is no response to this letter by 21 October 2003, the projects will be recommended for administrative withdrawal at the 10 December 2003 IEEE-SA Standards Board meeting.

If you should have any questions, please contact me at 732-562-6367 or by e-mail at j.haasz@ieee.org.

Best regards,

Jodi Haasz
Senior Administrator
IEEE-SA Governance and Electronic Processes
Standards Activities
Phone +1 732 562 6367
FAX +1 208 460 5300
Email: j.haasz@ieee.org

Standards to be Withdrawn

Please see the attached list of standards that require maintenance actions before the end of 2003. Many of these standards are slated for administrative withdrawal since no updates have been received from the Sponsors.

Please review the list and take appropriate actions through your Sponsor Liaison .

The submittal deadline for the December 2003 meetings of NesCom and RevCom is 21 October 2003.

If you will be submitting a PAR for a revision project for a standard on the 5-yr list, please do so by that date. PAR forms and instructions can be found at <http://standards.ieee.org/guides/par/index.html>. The NesCom Administrator is Jodi Haasz [j.haasz@ieee.org].

If you will be submitting to RevCom [either a reaffirmation or a revision project for a standard on the 5-yr list], please do so by the submittal deadline. RevCom submittal instructions can be found at <http://standards.ieee.org/guides/revguide.html>. The RevCom Administrator is Dave Ringle [d.ringle@ieee.org].

If the Sponsor desires to keep a standard on the 5-yr list active and cannot complete any of the above actions by the 21 October 2003 deadline, please have the Sponsor Liaison send an email to d.ringle@ieee.org requesting extension of the maintenance deadline and stating the actions that will be taken by the Sponsor.

If no information is received for the standards currently slated for administrative withdrawal, they will be balloted for withdrawal by the Standards Board immediately after the December 2003 Standards Board meeting.

If you have any questions, please contact me.

Regards,

David L. Ringle
Program Manager - Governance, Policy & Procedures
IEEE Standards Activities Department
445 Hoes Lane
P.O. Box 1331
Piscataway, NJ 08855-1331
TEL: +1 732 562 3806
FAX: +1 732 875 0524
d.ringle@ieee.org

32-1972 (R1997) IEEE Standard Requirements, Terminology, and Test Procedures for Neutral Grounding Devices

Recommendation: Administrative Withdrawal.

62-1995 IEEE Guide for Diagnostic Field Testing of Electric Power Apparatus - Part 1: Oil Filled Power Transformers, Regulators, and Reactors

Recommendation: Administrative Withdrawal.

1276-1997 IEEE Guide for the Application of High-Temperature Insulation Materials in Liquid-Immersed Power Transformers

Recommendation: Administrative Withdrawal.

C57.12.01-1998 IEEE Standard General Requirements for Dry-Type Distribution and Power Transformers Including Those with Solid Cast and/or Resin Encapsulated Windings

Recommendation: Administrative Withdrawal.

C57.12.35-1996 IEEE Standard for Bar Coding for Distribution Transformers

Recommendation: Administrative Withdrawal.

C57.12.56-1986 (R1998) IEEE Standard Test Procedure for Thermal Evaluation of Insulation Systems for Ventilated Dry-Type Power and Distribution Transformers

Recommendation: Administrative Withdrawal.

C57.12.60-1998 IEEE Guide for Test Procedures for Thermal Evaluation of Insulation Systems for Solid Cast and Resin-Encapsulated Power and Distribution Transformers

Recommendation: Administrative Withdrawal.

C57.18.10-1998 IEEE Standard Practices and Requirements for Semiconductor Power Rectifier Transformers

Recommendation: Administrative Withdrawal.

C57.19.100-1995 IEEE Guide for Application of Power Apparatus Bushings

Recommendation: Administrative Withdrawal.

C57.110-1998 IEEE Recommended Practice for Establishing Transformer Capability When Supplying Nonsinusoidal Load Currents

Recommendation: Administrative Withdrawal.

C57.117-1986 (R1998) IEEE Guide for Reporting Failure Data for Power Transformers and Shunt Reactors on Electric Utility Power Systems

Recommendation: Administrative Withdrawal.

C57.121-1998 IEEE Guide for Acceptance and Maintenance of Less-Flammable Hydrocarbon Fluid in Transformers

Recommendation: Administrative Withdrawal.

C57.125-1991 (R1998) IEEE Guide for Failure Investigation, Documentation, and Analysis for Power Transformers and Shunt Reactors

Recommendation: Administrative Withdrawal.

C57.138-1998 IEEE Recommended Practice for Routine Impulse Test for Distribution Transformers

Recommendation: Administrative Withdrawal.

BALLOT STATUS

Invitation to Ballot

Invitation Number	Sponsor (Soc/Com)	Working Group Chair	Date Requested	Invitation Open Date	Invitation Close Date	# of Invitations Sent Out	Type of Invitation
Std.C57.138 REAFF	PE/TR	John R Rossetti		09/04/2003	10/04/2003	653	Electronic Invitation
Std.C57.91 REAFF	PE/TR	Timothy Raymond		07/15/2003	08/14/2003	651	Electronic Invitation
Std.C57.110 REAFF	PE/TR	Richard P Marek		01/23/2003	02/22/2003	844	Electronic Invitation
Std.C57.111 REAFF	PE/TR	N Kent Haggerty		03/31/2003	04/30/2003	642	Electronic Invitation
Std.C57.13 REAFF	PE/TR	James Smith		04/01/2003	05/01/2003	642	Electronic Invitation
Std.C57.18.10 REAFF	PE/TR	Sheldon P Kennedy		06/05/2003	07/05/2003	650	Electronic Invitation
PC57.144	PE/TR	Dudley L Galloway		07/07/2003	08/06/2003	651	Electronic Invitation
PC57.130	PE/TR	Frank J Gryszkiewicz		09/08/2003	10/08/2003	653	Electronic Invitation
Std.C57.125 REAFF	PE/TR	Wallace B Binder		09/12/2003	10/12/2003	653	Electronic Invitation
Std.C57.117 REAFF	PE/TR	Wallace B Binder		09/12/2003	10/12/2003	653	Electronic Invitation
PC57.13.6	PE/TR	Chris Ten-Haagen		09/12/2003	10/12/2003	653	Electronic Invitation

Ballot Status

Ballot Number	Sponsor (Soc/Com)	Type of Ballot	Ballot Opened	Sched. Close Date	# Ballots	Balloting Results			Type of Ballot
						Affirm	Neg	Abs tain	
PC57.12.34/D9	PE/TR	Recirc	7-Feb-2003	9-Mar-2003	90	79%	21%	3%	Electronic
Std. C57.110-1998	PE/TR	Reaff	27-Feb-2003	30-Mar-2003	132	99%	1%	1%	Electronic
Std. 62-1995	PE/TR	Reaff	17-Mar-2003	16-Apr-2003	122	95%	5%	3%	Electronic
Std. C57.111-1989 (R1995)	PE/TR	Reaff	9-May-2003	8-Jun-2003	73	100%	0%	0%	Electronic
Std. C57.13-1993	PE/TR	Reaff	9-May-2003	8-Jun-2003	92	94%	6%	5%	Electronic
Std. C57.18.10-1998	PE/TR	Reaff	10-Jul-2003	9-Aug-2003	52	95%	5%	2%	Electronic
Std. C57.13-1993	PE/TR	Reaff Recirc	5-Aug-2003	4-Sep-2003	92	98%	2%	3%	Electronic
Std. C57.91-1995	PE/TR	Reaff	11-Sep-2003	11-Oct-2003	155				Electronic

Std. C57.21-1990	PE/TR	Reaff Rblt Recirc	12-Sep-2003	27-Oct-2003	78				Paper
------------------	-------	-------------------------	-------------	-------------	----	--	--	--	-------

NEXT STANDARDS BOARD MEETINGS AND SUBMITTAL DEADLINES

Meeting date

Deadline for Submittal of PAR (1) or Draft Standard (2)

December 8, 2003	October 21, 2003
March 23, 2004	February 13, 2004
June 10, 2004	April 30, 2004
September 21, 2004	August 13, 2004

- (1) A PAR must be sent to the Standards Subcommittee Chair before the stated deadline.
- (2) Standards must be submitted directly to the IEEE Standards Department by the Working Group Chair before the stated deadline to be considered at the next Standards board Meeting.

Note:

The PAR form has been revised. To locate the current PAR form please go to <http://standards.ieee.org/guides/par/index.html>. Also, a new Target Extension Request form is to be used for all extension requests for PARs and is located at <http://standards.ieee.org/guides/par/extension.html>.

Current List of ALL Open Standards Project (from IEEE Web site October 3, 2003)

Designation: PC57.12.00

Sponsor: Power Engineering Society/Transformers

Title: Standard General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers

Status: Revision Project

Technical Contact: Subhash C Tuli, Phone:262-547-0121x1428, Email:subhash.tuli@waukeshaelectric.spx.com **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: Jun 14, 2001

Designation: PC57.12.01

Sponsor: Power Engineering Society/Transformers

Title: Standard General Requirements for Dry-Type Distribution and Power Transformers Including Those with Solid Cast and/or Resin Encapsulated Windings

Status: Revision Project

Technical Contact: Anthony J Jonnatti, Phone:727-785-2788, Email:premo2@aol.com **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-

IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: Mar 18, 1999

Designation: PC57.12.10

Sponsor: Power Engineering Society/Transformers

Title: Standard Requirements for Liquid-Immersed Power Transformers

Status: New Standard Project

Technical Contact: Javier Arteaga, Phone:414-547-0121 **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: Jun 13, 2002

Designation: PC57.12.20

Sponsor: Power Engineering Society/Transformers

Title: Standard for Overhead Type Distribution Transformers, 500 kVA and Smaller: High Voltage, 34500 Volts and Below; Low Voltage, 7970/13800Y Volts and Below

Status: Revision Project

Technical Contact: Glenn W Andersen, Phone:704-382-4323, Email:gwanders@duke-energy.com **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: Dec 6, 2001

Designation: PC57.12.25

Sponsor: Power Engineering Society/Transformers

Title: Standard for Pad-Mounted, Compartmental-Type, Self-Cooled, Single-Phase Distribution Transformers with Separable Insulated High-Voltage Connectors; High Voltage, 34500 GrdY/19920 Volts and Below, Low Voltage, 240/120 Volts; 167 kVA and Smaller - Requirements

Status: Revision Project

Technical Contact: Ali A Ghafourian, Phone:731-285-9121, Email:aghafourian@ermco-eci.com **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: Dec 8, 1998

Designation: PC57.12.28

Sponsor: Power Engineering Society/Transformers

Title: Standard for Pad Mounted Equipment - Enclosure Integrity

Status: New Standard Project

Technical Contact: Robert C Olen, Phone:262-835-3362, Email:rolen@cooperpower.com **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: May 9, 2002

Designation: PC57.12.29

Sponsor: Power Engineering Society/Transformers

Title: Standard for Pad Mounted Equipment - Enclosure Integrity for Coastal Environments

Status: New Standard Project

Technical Contact: Robert C Olen, Phone:262-835-3362, Email:rolen@cooperpower.com **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: May 9, 2002

Designation: PC57.12.33

Sponsor: Power Engineering Society/Transformers

Title: Guide for Distribution Transformer Loss Evaluation

Status: New Standard Project

Technical Contact: Thomas J Pekarek, Phone:330-761-7800, Email:tjpekarek@firstenergycorp.com **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: Jun 25, 1998

Designation: PC57.12.36

Sponsor: Power Engineering Society/Transformers

Title: Standard Requirements for Liquid-Immersed Distribution Substation Transformers

Status: New Standard Project

Technical Contact: John R Rossetti, Phone:901-528-4743, Email:jrossetti@mlgw.org **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: Jun 13, 2002

Designation: PC57.12.37

Sponsor: Power Engineering Society/Transformers

Title: Standard for the Electronic Reporting of Distribution Transformer Test Data

Status: Revision Project

Technical Contact: Richard Hollingsworth, Phone:601-422-1105, Email:rhollin@howard-ind.com **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: Nov 1, 2001

Designation: PC57.12.90

Sponsor: Power Engineering Society/Transformers

Title: Standard Test Code for Liquid-Immersed Distribution, Power, and Regulating Transformers

Status: Revision Project

Technical Contact: Subhash C Tuli, Phone:262-547-0121x1428, Email:subhash.tuli@waukeshaelectric.spx.com **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: Jun 14, 2001

Designation: PC57.13.1

Sponsor: Power Engineering Society/Power System Relaying

Title: Guide for Field Testing of Relaying Current Transformers

Status: Revision Project

Technical Contact: M Meisinger, Phone:773-338-1000, Email:mmeisinger@sandc.com **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-

IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: Jun 25, 1998

Designation: PC57.13.2

Sponsor: Power Engineering Society/Transformers

Title: Conformance Test Procedure for Instrument Transformers

Status: Revision Project

Technical Contact: Vladimir Khalin, Phone:859-879-2797, Email:vladimir@kuhlman.com **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: May 15, 2003

Designation: PC57.13.3

Sponsor: Power Engineering Society/Power System Relaying

Title: Guide for Grounding of Instrument Transformer Secondary Circuits and Cases

Status: Revision Project

Technical Contact: Mohindar Sachdev, Phone:306-374-0730, Email:m.s.sachdev@ieee.org **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: Jun 25, 1998

Designation: PC57.15

Sponsor: Power Engineering Society/Transformers

Title: Standard Requirements, Terminology, and Test Code for Step-Voltage Regulators

Status: Revision Project

Technical Contact: Thomas Diamantis, Phone:315-428-5688, Email:diamantist@nimo.com **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: Dec 7, 2000

Designation: PC57.19.00

Sponsor: Power Engineering Society/Transformers

Title: Standard General Requirements and Test Procedure for Power Apparatus Bushings

Status: Revision Project

Technical Contact: Keith Ellis, Phone:615-847-2157, Email:keithcota@aol.com **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: Jun 20, 1996

Designation: PC57.21

Sponsor: Power Engineering Society/Transformers

Title: Standard Requirements, Terminology, and Test Code for Shunt Reactors Rated Over 500 kVA

Status: Revision Project

Technical Contact: Richard F Dudley, Phone:416-298-8108, Email:richardd@ca.trenchgroup.com **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: Sep 11, 2003

Designation: PC57.32

Sponsor: Power Engineering Society/Transformers

Title: Standard Requirements, Terminology and Test Procedures for Neutral Grounding Devices

Status: Revision Project **This is a revision of IEEE Std 32-1972

Technical Contact: Steven Schappell, Phone:919-580-3240, Email:steven.schappell@waukeshaelectric.spx.com **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: Dec 11, 2002

Designation: PC57.93

Sponsor: Power Engineering Society/Transformers

Title: Guide for Installation of Liquid-Immersed Power Transformers

Status: Revision Project

Technical Contact: Michael Lau, Phone:604-528-3201, Email:mike.lau@bchydro.bc.ca **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: Jun 13, 2002

Designation: PC57.98

Sponsor: Power Engineering Society/Transformers

Title: Guide for Transformer Impulse Tests

Status: Revision Project

Technical Contact: Arthur Molden, Phone:845-225-0993, Email:ameesco@worldnet.att.net **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: Sep 12, 2002

Designation: PC57.104

Sponsor: Power Engineering Society/Transformers

Title: Guide for the Interpretation of Gases Generated in Oil-Immersed Transformers

Status: Revision Project

Technical Contact: Frank W Heinrichs, Phone:724-941-6924, Email:frankus@usaor.net **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: Dec 10, 1996

Designation: PC57.106

Sponsor: Power Engineering Society/Transformers

Title: Guide for Acceptance and Maintenance of Insulating Oil in Equipment

Status: Revision Project

Technical Contact: James A Thompson, Phone:605-534-3571, Email:writejt@trs-service.com **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: Dec 11, 2002

Designation: PC57.113

Sponsor: Power Engineering Society/Transformers

Title: Recommended Practice for Partial Discharge Measurement in Liquid-Filled Power Transformers and Shunt Reactors

Status: Revision Project

Technical Contact: Bertrand Poulin, Phone:408-957-8326, Email:bertrand.f.poulin@ca.abb.com **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: Jun 20, 1996

Designation: PC57.127

Sponsor: Power Engineering Society/Transformers

Title: Guide for the Detection and Location of Acoustic Emissions from Partial Discharges in Oil-Immersed Power Transformers and Reactors

Status: Revision Project

Technical Contact: J.W Harley, Phone:330-657-2471, Email:jack@harleyinc.com **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: Feb 13, 2003

Designation: PC57.130

Sponsor: Power Engineering Society/Transformers

Title: IEEE Trial-Use Guide for the Use of Dissolved Gas Analysis During Factory Temperature Rise Tests for the Evaluation of Oil-Immersed Transformers and Reactors

Status: New Standard Project

Technical Contact: Frank J Gryszkiewicz, Phone:617-926-4900x213, Email:frankg@doble.com **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: Jan 30, 2000

Designation: PC57.131

Sponsor: Power Engineering Society/Transformers

Title: Standard Requirements for Tap Changers

Status: Revision Project

Technical Contact: William R Henning, Phone:262-547-0121, Email:whenning@ieee.org **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: May 15, 2003

Designation: PC57.139

Sponsor: Power Engineering Society/Transformers

Title: Guide for Dissolved Gas Analysis in Transformer Load Tap Changers

Status: New Standard Project

Technical Contact: Richard K Ladroga, Phone:978-630-8865, Email:rladroga@doble.com **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: Dec 11, 2002

Designation: PC57.140

Sponsor: Power Engineering Society/Transformers

Title: Evaluation and reconditioning of Liquid Immersed Power Transformers

Status: New Standard Project

Technical Contact: Rowland I James, Phone:504-576-6246, Email:rjames@entergy.com **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: Sep 16, 1999

Designation: PC57.141

Sponsor: Power Engineering Society/Transformers

Title: Guide for the Application of Load Tap Changers

Status: New Standard Project

Technical Contact: William R Henning, Phone:262-547-0121, Email:whenning@ieee.org **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: Jun 26, 1999

Designation: PC57.142

Sponsor: Power Engineering Society/Transformers

Title: A Guide To Describe The Occurrence And Mitigation Of Switching Transients Induced By Transformer-Breaker Interaction

Status: New Standard Project

Technical Contact: Robert C Degeneff, Phone:518-276-6367, Email:degenr@rpi.edu **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: Dec 7, 2000

Designation: PC57.143

Sponsor: Power Engineering Society/Transformers

Title: Guide for Application for Monitoring Equipment to Liquid-Immersed Transformers and Components

Status: New Standard Project

Technical Contact: Andre Lux, Phone:919-856-3888, Email:andre.e.lux@us.abb.com **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: Mar 21, 2002

Designation: PC57.144

Sponsor: Power Engineering Society/Transformers

Title: Guide to Metric Conversion of Transformer Standards

Status: New Standard Project

Technical Contact: Dudley L Galloway, Phone:573-635-7587, Email:gallowaytt@aol.com **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: Mar 21, 2002

Designation: PC57.146

Sponsor: Power Engineering Society/Transformers

Title: Guide for interpretation of gasses generated in silicone-immersed transformers

Status: New Standard Project

Technical Contact: William H Bartley, Phone:860-722-5483, Email:william_bartley@hsb.com **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: Oct 31, 2002

Designation: PC57.119

Sponsor: Power Engineering Society/Transformers

Title: Recommended Practice for Performing Temperature Rise Tests on Oil Immersed Power Transformers at Loads Beyond Nameplate Rating

Status: New Standard Project

Technical Contact: Subhash C Tuli, Phone:262-547-0121x1428,

Email:subhash.tuli@waukeshaelectric.spx.com **For non-technical questions, including pricing, availability and ordering, please contact IEEE Customer Service at 1-800-678-IEEE (in U.S. and Canada); or 1-732-981-0060 (outside the U.S. and Canada); or send an email customer.service@ieee.org

History: PAR APP: May 16, 2000