

IEEE IAS Petroleum and Chemical Industry Committee International Subcommittee

Report to the Executive Subcommittee PCIC Conference 9/26/13

Current Officers

- Chair Bill Lockley
- Vice-Chair Wolfgang Berner
- Secretary Raimond Elias

Subcommittee Meeting

▪ Attendance:

Officers	3
Members	45
Guests	<u>0</u>
Total Attendance	48

▪ Membership Roster Changes:

Previous Total	59
Members added	32
Members removed	<u>14</u>
Total Membership	59

▪ Agenda Highlights

- Ballot on 2014 papers
- PCIC Brazil presentation
- PCIC Europe presentation
- PCIC Mexico presentation
- New secretary required for 2014

Member Recognition

- Senior Member elevation - None
- Other Awards or Recognitions - None

Technical Session Attendance

PCIC #	Title	Attendance
2013-6	Differences and Similarities between ANSI and IEC Cultures for MV Assemblies – The Brazilian Experience	190
2013-7	Area Classification for Explosive Atmospheres: Comparison between European and North American Approaches	290
2013-8	Electrical Equipment in Cold Weather Applications	260
2013-42	Concept, Design and Testing of a 12 MW 9500 rpm Induction Motor with Oil Film Bearings for Pipeline Applications in North America	102
2013-43	Evaluation of Motor Structural Dynamic Response by Forced Vibration	96

	Analysis	
2013-44	Machine Vibrations and Diagnostics the World of ISO	91

Papers for Next Year

- Number of papers discussed and balloted for level of interest: 21
- Number of papers submitted directly to Subcommittee: 1
- Paper proposals selected based on ballot of interest and other factors to assure a balanced and quality slate:

Prelim ID	Title
CH-33	“Case Study: Simultaneous Optimization of Electrical Grid Stability and Steam Production” <u>Scott Manson, Schweitzer, Matt Checksfield Powerplan Engineers, Peter Duffield BHP Billiton, Abdel Khatib Schweitzer (Carryover)</u>
CH-77	“Influencing Factors on Motor Vibration & Rotor Critical Speeds in Design, Test and Field Applications” <u>Raj Mistry Siemens</u>
SF-51	“System Analysis of Component Outage in Electrical LNG Plant with VSI Inverters” <u>Toshiyuki Fujii, Mitsubishi Electric Corporation, Hiroyuki Masuda, Yoshihiro Ogashi, Masahiko Tsukakoshi, Toshiba Mitsubishi-Electric Industrial Systems</u>
SF-67	“Ten years High Speed Motors with massive shaft – Experience and Outlook” <u>Hartmut Walter, Horst Kuemmler, Axel Moehle, Siemens AG</u>
SF-74	“Solving Turbine Governor Instability at Low-Load Conditions” <u>Scott Manson, Schweitzer Engineering Laboratories," Inc.</u> Matt Checksfield, Powerplan Engineers Pty Ltd. Bill Kennedy, BHP Billiton Worsley Alumina Pty Ltd.
SF-86	“21000 Horse Power (HP) and above Synchronous Motors Brushless Excitation Systems Common Design Deficiencies” <u>Barrag A. Assaf, Saudi Aramco</u>
SF-94	“Hazardous area classification is not a copy and paste process” <u>Estellito Rangel, Jr., Petrobras, Aurélio M. Luiz, Petrobras, Hilton L. Madureira, Fo., Petrobras</u>
Walk in	“IEC 60079-14 Installation and maintenance” <u>Brian Keene, Crouse Hinds</u>

Other papers were rejected due to lack of interest. Papers SF7, SF37 and SF127 were well regarded but did not make the cut, so they are available for others.

Notes:

1. Indicate Status as CO for carry over spare from current year, AC for accepted new proposal.
2. International Subcommittee has a development slate of 8 papers (2 Carryovers plus 6 new papers).
3. Spare papers for Next Year are not identified until April deadline for having final draft submitted.

Status of Subcommittee Goals

Completed Goals:

All goals still in progress

- Update on Goals in progress:
- Find a way to get better proposals from Asia (getting proposals from Korea)
- Get new younger people into the Intl. SC in conjunction with YEDS (Still working at it)

New Goals:

Other Business or News of Interest

- **New Secretary**

Raimond Elias of Rockwell, Netherlands has taking over as the new Secretary.

We are still working on a new Secretary to take over in 2014 and are considering 3 people.