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  0
  - Total Attendance  48
- Membership Roster Changes:
  - Previous Total  59
  - Members added  32
  - Members removed  14
  - 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

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

2013-44 Machine Vibrations and Diagnostics the World of ISO

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:

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

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.