

IEEE IAS Petroleum and Chemical Industry Committee International Subcommittee

Report to the Executive Subcommittee PCIC Conference 9/23/10

Current Officers

- Chair Estellito Rangel Junior
- Vice-Chair Horst Kuemlee
- Secretary Bill Lockley
- Incoming Wolfgang Berner

Subcommittee Meeting

- **Attendance:**

Officers	4
Members	15
Guests	<u>1</u>
Total Attendance	20
- **Membership Roster Changes:**

Previous Total	30
Members added	7
Members removed	<u>tbd</u>
Total Membership	tbd
- **Agenda Highlights**
 - Continuing with 2 sessions for 2011
 - PCIC Brazil presentation
 - PCIC Europe report
 - Ballot on 2011 papers

Member Recognition

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

Technical Session Attendance

PCIC #	Title	Attendance
2010-10	Balancing Flexible Rotors Of Large Electrical Machines	122
2010-11	Motor Design Considerations For Medium Voltage Adjustable Speed Drive Systems In Hazardous Areas For Beam Pumping Motors	154
2010-12	Harmonizing Ventilation Requirements For Indoor Lighter Than Air Hazardous Atmospheres	76
2010-31	Active Magnetic Bearing Systems With Standard Drive Technology For Large Turbo Machines	110
2010-32	IEC 61850 Capabilities Applied To Oil And Gas Industry	115
2010-33	International Installation Methods Based On NEC And IEC Standards	163

Papers for Next Year

- Number of papers discussed and balloted for level of interest: 14
- 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	Authors (Underline Lead Author)	Status
TO - 7	Valve Monitoring & Control System in Oil Depot	<u>Mingheng Shao</u>	RJ
TO - 17	Global Certification of Pressurized Rooms for use Hazardous Areas.	<u>John Paul De Beer</u>	AC
TO - 20	The Power of IEC61850 for Bus Transfer and Load Shedding Applications	<u>Lubomir S. Markham</u> Ilia Voloh Tony Zhao	AC
TO - 37	Classification Of Hazardous Areas Produced By Maintenance Interventions On N.G. Distribution Networks.	<u>Massimiliano Madeddu</u> Enrico Pons Riccardo Tommasini	AC ¹⁾
TO - 44	Classification of hazardous areas in presence of surface of inflammable liquid	<u>Riccardo Tommasini</u>	AC ¹⁾
TO - 54	Different Methods of Estimating Archie Parameters Accurately	<u>Attia Attia</u> Hisham Othman	RJ
TO - 55	Effects of Petro physical Rock Properties on the Formation Resistivity Factor	<u>Attia Attia</u> Hisham Othman	RJ
TO - 56	A Sample Correlation between Permeability and Unique electrical properties.	<u>Attia Attia</u>	RJ
TO - 69	Certification, Installation, and Maintenance of Electrical Equipment in Hazardous Locations in India	<u>Wolfgang Berner</u> S. K. Das	AC
TO - 75	Extending Motor Life with Updated Thermal Model Overload Protection	<u>Daniel L. Ransom, PE</u> John Wang	AC
TO - 77	Interfaces between Power Assemblies and Power Generation Facilities in Petrochemical Plants – A Brazilian Experience	<u>Rogério C. Barros</u> Luiz Felipe O. Costa	AC
TO - 79	High efficiency heating method for subsea pipelines heating	<u>Philippe Angays</u>	AC
TO - 86	The influence of offshore and shipboard cables standardization on platform construction guidelines and local market.	<u>Thiago T. Borges</u> Waldir M. Mota Junior Michael F. Pinheiro	AC
TO - xx	Applying IEC 60909 for Fault Current Calculations	Dr. David Sweeting	AC ²⁾

¹⁾ Papers TO-37 and TO-44 should be combined (same author, similar subject)

²⁾ Abstract submitted during the Intl. SC business meeting

Papers TO-7, TO-54, TO-55 and TO-56 were rejected due to lack of interest.
Due to the bad experience with author performance of last year, 9 papers were selected

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 9 papers.
3. Spare papers for Next Year are not identified until April deadline for having final draft submitted.

Status of Subcommittee Goals

- Completed Goals: Go for two international sessions.
- Update on Goals in progress: Getting authors from Mexico.
- New Goals: Find a way to get better proposals from China, make CD's from PCIC-Europe available and get new younger people into the Intl. SC in conjunction with YEDS.

Other Business or News of Interest

Outgoing Chair:	Estellito Rangel Jr.	Petrobras	Brazil
Incoming Secretary:	Wolfgang Berner	R. Stahl Inc.	USA