



**INDUSTRY APPLICATIONS SOCIETY**

**PULP & PAPER INDUSTRY COMMITTEE**

MINUTES of the

**CONFERENCE FULL COMMITTEE MEETING**



Appleton Conference Keynote Speaker  
Bob DeKoch - CEO Oscar J. Boldt Construction

**2006 PPIC COMMITTEE MEETING**  
**Radisson Paper Valley Hotel, Appleton, WI**  
**Tuesday June 20, 2006**  
**IEEE/IAS PULP & PAPER INDUSTRY COMMITTEE**

FULL COMMITTEE MEETING

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**IEEE/IAS PULP & PAPER INDUSTRY COMMITTEE  
2006 PPIC CONFERENCE MEETING  
MINUTES OF THE FULL COMMITTEE  
RADISSON PAPER VALLEY HOTEL, APPLETON, WI**

**JUNE 20, 2006**

## **WELCOME AND INTRODUCTIONS**

Rory Johnson called the meeting to order at 3:32 PM. He welcomed everyone to Appleton and the Conference Full committee meeting. He then asked everyone in turn to introduce him or herself. Rory Johnson circulated a meeting sign in sheet and asked all attendees to indicate their presence.

## **SECRETARY'S REPORT**

Dave Durocher reported that the committee minutes from the Appleton Interim Meeting were distributed by email to all committee members on January 6, 2006 and were also posted on the committee website [www.pulpandpapercommittee.com](http://www.pulpandpapercommittee.com). A motion and second to approve these minutes as posted was accepted and passed. The permanent web site was used to distribute the minutes and no members reported difficulty in finding the site, or the minutes.

## **EXECUTIVE COMMITTEE REPORT**

Dave Durocher reported that 16 members were in attendance at the Executive Committee meeting. The meeting was held on Sunday from 1:00 PM to 3:00 PM and resulted in a good discussion on the issues facing this group. Some of the topics of interest: 1) Length of nomination validity for Meritorious Award candidates, Rory's suggested response was "until someone withdraw the nomination or if at some time the nominee was in the future deemed not qualified, nominations do not expire". At present, there is nothing in the Operating Guide on this issue. Rory asked Dave Durocher to update the Operating Guide to include this language. 2) Regarding tutorials, Rory requested that Blake develop a tutorial guide similar to the Author's guide. 3) Regarding Executive Committee Treasurer, discussed the definition of this role following a request from the local conference committee for additional help. Discussed IEEE sponsored Panel for Conference Organizers in Montreal ON, July 2006. Executive Committee recommended that three people attend, the next two local conference chairs and the Executive Committee Treasurer.

## **2005 JACKSONVILLE CONFERENCE CLOSEOUT REPORT**

Rich Butler was not present nor was a member of his local committee present to submit a report. An update on the final financial closing of this conference will be reported at the 2006 Interim Meeting.

## **TREASURER REPORT/CONFERENCE AUDITS**

Rhonda Banks was unable to attend the conference, but offered via the Executive Committee that there was nothing new to report. The Jacksonville conference is not yet closed. We couldn't confirm that the Victoria conference is closed.

## **STANDING SUBCOMMITTEE REPORTS**

### **MEMBERSHIP**

Rory announced that there was no report from Alan Lowe. However, Alan has offered a follow-up report after the meeting that is included in these minutes. Our current committee membership is 116 including 3 Associate Members, 3 Fellow Members, 4 Life Fellow Members, 6 Life Senior Members, 18 Members and 82 Senior Members. Since the

interim meeting in October we have had the following changes in membership: Resigned/Retire (6): Don Deyo, Mike Glenn, Jim Mantooth, Cliff Normand, John C. Thompson, Erwin von der Ehe. Dropped for Inactivity (4): Tommy Ashland, David Burrow, Janet Flores, Bob Moore. New Members (7): Tom Blooming, Kevin Borthwick, Darren Honaker (rejoined), Richard Kirby, Daleep Mohla, Bill Polley, Mark Spears, Richard Turner. Applications pending (2): R.K. Allen (not an IAS member), Pat Malie.

At the interim meeting, 35 members were present, 53 members requested excused absences and 32 had unexcused absences.

## **MAILING LIST**

John Kay reported that the committee mailing list continues to evolve. Again this year, we had a strong group of individuals focusing their time on scrubbing down the present mailing list. Duncan Rhodes was instrumental in provide a large number of new contacts to our mailing list as were several others in regards to corrections and additions. Since the 2005 Jacksonville conference we started with 2132 names, added 1103 and dropped 165 for a new total of 3070. Of these, we have 1771 with email addresses, 1299 with no email addresses and 1324 names of people that have not attended the conference since 1998. Printed lists are available for revisions at this conference.

## **PUBLICITY**

Rob Boteler, our committee Publicity Chair reported that he will be working this week with Larry Thomas to get photos and press releases including pictures of award winners. Rory Johnson suggested there was a good window of opportunity to get our information in for IAS Magazine. The cutoff is August for the October issue. Our committee hopes to get this in via Rob.

## **PAPER AWARDS AND PUBLICATIONS**

Dave Durocher presented this report on behalf of Laurie Cihlar who was not able to attend the conference. The follow-up report on paper awards and publications is appended to these minutes (see Appendix G). Rory mentioned that Laurie's position in MeadWestvaco has changed and that she will regrettably be forced to resign from our committee. We are in search of a replacement for this important position.

## **PPIC AWARDS**

Russ Thrift recognized that Pete Werner is the winner of the 2006 Meritorious Engineering Award and recognized Charlie Canty as the winner of the 2006 Meritorious Service Award. Russ suggested that each of us make a special effort to thank and congratulate these two gentlemen during the week. Rory reiterated that nominations for these awards were to be submitted in accordance with the process outlined in the Operating Guide and that any new nominations were to be submitted by the interim meeting.

## **FELLOWS NOMINATIONS AND IAS MEMBERSHIP**

Clayton Reid – announced that Jim Rooks is included in our committee submissions for IEEE Fellow. Final election will take place in November. Clayton will be resubmitting Ron Simpson and will submit another nomination for Jay Das. Two of our members have been nominated to the IAS Executive Committee including Blake Lloyd as the IAS Communications Chairman and Dave Durocher as IAS Member at Large. Past IAS President – Bob Lorenz is now a member of the IEEE Board of Directors. Our committee is in a good position to have the benefit of his ongoing involvement. Jim Rooks submitted John Holmquist for the IEEE Individual Achievement Award. This did not go through but will be submitted again. Clayton explained that retaining IAS membership status requires that each IEEE member check the box and pay the additional \$20 when paying annual dues. During the conferences, Clayton offers free IAS membership for current IEEE members Clayton also solicited inputs for the unusual failures session on Wednesday.

## **LIAISON REPORTS**

### **IEEE/IAS**

Clayton Reid continues as IAS Process Industries Chairman. This position represents IAS industry committees including Pulp & Paper, Petrochemical, Metals, Mining and Cement industries. Clayton retains this position through year-end.

## **PAPTAC (CPPA)**

John Kay reported that this year, the 92nd Annual PAPTAC Annual Meeting and EXFOR 2006 was held in Montreal, February 6-8. Almost 1,000 attending technical sessions, with a total of 6,817 people, Over 313 exhibitors with total representation from 46 countries attended this event. This year both Chuck Mozina and John Kay presented technical papers during the technical sessions held as part of the annual meetings. Information on these events can be found at [www.paptac.ca](http://www.paptac.ca).

## **TAPPI**

Burt Judson reported that TAPPI in total has suffered from declining mill attendance. TAPPI has backed away from a dedicated conference for the electrical and process group. TAPPI will continue to sponsor a larger mega-conference in the spring and fall. On behalf of the IEEE PPIC, Burt has asked if we could form a working group to perpetuate some of the technical work we've done. Will try this at the next interim meeting. The last TAPPI activity was the Drives Short Course held two years ago in the Appleton area.

## **IEEE - STANDARDS COORDINATING**

### *IEEE SCC 18:*

Tom Jurczak reported that SCC 18 no longer has liaison representatives.

### *IEEE Standards Projects Committee*

Tom Jurczak also reported that IEEE Standards Projects Committee no longer has liaison representatives.

## **IEEE ELECTRICAL SAFETY WORKSHOP**

Larry Thomas reported that the 13th Annual IEEE Industry Applications Society Electrical Safety Workshop was held February 7-10, 2005 at the Philadelphia Downtown Marriott Hotel in Philadelphia, Pennsylvania. He reported that this was once again an outstanding and successful workshop. The 14<sup>th</sup> annual Electrical Safety Workshop is scheduled for February 22 through March 2, 2007 in Calgary, Alberta. The Workshop website is:

<http://www.ewh.ieee.org/cmte/ias-esw/index.html>

## **OPERATING SUBCOMMITTEE REPORTS**

Detailed reports from the 4 standing subcommittees are appended.

## **2006 APPLETON CONFERENCE REPORT**

Duncan Rhodes reported up to date registration statistics for the week's conference. 28 1 day, 10 life/student, 127 full registered (expect to still see some walk-in), 23 guests (down from previous conference), 50 mill, 123 social. Tutorial registration was very promising including 29 for the Arc Flash tutorial, 20 for Power Cable Applications, 7 for Selection of Motor bearings, 17 for – MV Transformer Protection, 73 total tutorial registrants. A total of 50 industry engineers were registers from 19 different Pulp & Paper companies and 32 consultants from 21 different firms. Rory Johnson commented that the diversity and growth is great news.

Blake Lloyd committed to update the 2007 Author's Guide. Following the Interim Meeting, Dave Durocher committed to take a proactive approach, sending updated authors guide to sponsors with a copy to subcommittee chair.

## **2007 TECHNICAL PROGRAM**

Blake Lloyd offered a summary of proposed 2007 technical papers from the Operating Subcommittees. As of this time, we have A papers and B papers or total A's and B's for the Williamsburg Conference. Blake is trying to target for 28-30 papers for next year's technical program. He stressed that papers accepted for the 2007 program would be on a first come-first served basis.

## **FUTURE CONFERENCES**

### **2007 – WILLIAMSBURG, VA**

John Malinowski reported that the 2007 conference is to be held at the Williamsburg Lodge, June 24-28, 2007. The Williamsburg Historic District celebrates the 400<sup>th</sup> anniversary of Jamestown in 2007, so this will be a historic year with plenty of activities. Reenactments will take place throughout the city. The hotel is located 1 block from the historic area. Because this is a popular destination, all will need to register much earlier. Present room commitment:

Saturday 75@\$197

Sunday 100@\$197, 50@\$154 - 150 total

Monday 100@\$197, 50@\$154 - 150 total

Tuesday 100@\$197, 50@\$154 - 150 total

Wednesday 100@\$197, 50@\$154 - 150 total

Thursday 25@\$197

Two different rates, 'standard' and 'deluxe' rooms. Trying to get the lower room rates reserved for the mill people and consultants that are on their own. The Williamsburg committee is looking into using the hotel confirmation number to get a discount on registration. The PCIC Electrical Safety Workshop was \$200. \$100 difference between early and late registration. Cut-off might be early May. Will include a pass (worth \$58 for 3 days) to get into any of the events in the historic area. Guest program ideas: Monday - waking tour, Tuesday - Jamestown, Wednesday - a museum or a place where artifacts are restored. Looks like a good location to spend some vacation time before or after the conference. The Social on Wednesday will be a "Groaning Feast", featuring 1700's style food with historic characters and reenactments. Still looking for help finding members for the local committee

### **2008 – SEATTLE, WA**

Rich Turner reported early activity in selecting local committee members. Investigating several options for hotels. No commitment or contract yet.

### **2009 – BIRMINGHAM, AL**

Robert Adams reported that the Birmingham conference had been pushed back to 2009 in order to maintain the committee's historic commitment to alternate the conference sites between the east and west coast. Robert is looking at Sheraton as a conference hotel (same as 1996). The Ross Bridge golf resort is another option \$179-\$189.

### **2010 - OPEN**

Charley Canty reported that he has received a call from the Mayor of New Orleans who wants to host our conference sometime in the 2010-2013 time frame. Charley has a host city and chairperson commitment for 2010, but still awaiting support from the candidate's manager. Also looking for something in the New England area.

## **OLD BUSINESS**

### **CONFERENCE WEB SITE**

The Conference website remains <http://www.pulppaper.org>. This site will remain the host for the annual conference and management of the site is passed on yearly. Pete Famaghetti has agreed to cover this responsibility for the Williamsburg conference.

### **PERMANENT WEB SITE**

A permanent web site at URL <http://www.pulpandpapercommittee.com> is used to hold information for members and the executive committee. Blake Lloyd maintains this site, and any new information to be posted on the site should be forwarded to Blake. Most of the information on the site is accessible to all with certain portions locked by passwords. Members can access this site using the username "member" and the password "handsomblake".

### **CONFERENCE ATTENDANCE/AWARENESS COMMITTEE**

Dave Durocher offered an update on the Awareness Committee activities. He reiterated that the mission of this group was to singularly focus on increasing attendance by industry engineers (representative from user companies, both at mills and headquarters) at our annual conference.

Metrics: Charleston Industry Engineers = 33  
Victoria Industry Engineers = 36  
Jacksonville Industry Engineers = 47  
Appleton Industry Engineers = 50

We have worked to update our global email list of industry engineers (presently at 421 valid addresses) and continue to communicate to this target audience as follows:

January 28, 2006	Sent "Save the Date" communication - 3 pages, Brief overview of technical program, photos from Jacksonville Conference.
May 2, 2006	Sent "Did you Know" communication. Email with 5 quotes from Industry Engineers, 4 pages, Expanded technical program details, photos from Jacksonville. "There are less than 7 weeks to go, register now!"
June 21, 2006	Collected memorable quotes from industry engineers attending the Appleton Conference.
September 27, 2006	Sent "Thanks for attending" letters and an extra CD copy of the 2006 conference record and a "bring a friend to Williamsburg" message to industry engineers that attended the Appleton conference.
October 2006	Plan to send a "remember to include the 2007 Williamsburg Conference in your employer personal development plan" letter with abbreviated list of papers/tutorials and memorable quotes to the global email list of industry engineers.
April 2007	Plan to send a "Did you know" letter to global email list, promising that attending the conference would help to 1) establish technical relationships, 2) enhance technical knowledge, 3) meet world-renowned experts, 4) share best industry practices, 5) complete employer's continued education requirements, 6) earn credit hours to retain a Professional Engineering license all while 7) minimizing time away from the mill.
May 2007	Plan to sent same group of industry engineers a list of papers & conference hotel extension update.

Dave thanked to key members of the Awareness Committee in helping to establish the target list of industry engineers including Bob Jordan, Russ Ford and Rhonda Banks.

### **PERPETUATION COUNCIL**

John Kay offered an update on the Perpetuation Council, an ad-hoc committee focused on opportunities to sustain and grow the conference. Three 2-hour conference calls were held since the interim meeting. Area of focus; 1- expand the core, 2 - other opportunities, 3 - strategy, 4 -markets and trends in the user community. John touched on metrics – identifying that no specific core person was maintaining statistics. We don't know for example, how many people came to which days of tutorials, etc. There is an identified need to show ROI for mill people. We have seen some positive response from the works of the Awareness Committee. Where do we go from here?

Rory Johnson offered thanks to this group and indicated the Committee was appreciative of several really good ideas. The group suggested expanding the role of Awareness Committee into more of a "marketing the Conference". Also, continuing work that fit in with the recent efforts of Greg Drewiske (see below). Some additional areas that are not covered that perhaps need to be. For instance more focus on strategic areas such as looking at opportunities in other adjacent spaces. Duncan Rhodes mentioned that Dave Mintzlaff is presently working for USNR, a Pacific NW player in the wood products sector. Rory mentioned that there are also folks from Weyerhaeuser that could help in this area. Perhaps also consider process control as an adjacent space opportunity. John agreed to lead a follow-up group to focus on strategy looking forward. Rory and Blake will link in these three groups for periodic conference calls with the Executive Committee.

### **INTERIM MEETING**

Dave Rollay announced he is holding tentative reservations 10/22-23 at the Atlanta Hilton. The Marriott Waterside Hotel in Tampa FL (site of the 2006 IAS Conference) and the conference committee was very enthusiastic/supportive of us holding our interim meeting there. Tues Oct 10<sup>th</sup> or Wed Oct 11<sup>th</sup> would be the best days. Meeting rooms would be free. Advantages include that some of our members already are planning to attend and also some might also like to



attend the IAS Conference and have a built-in excuse to go. Plus, this eliminates a hotel contract and perhaps would help improve attendance at our interim meeting. Dave solicited a vote by show of hands. As usual, Atlanta was selected by the attending members as the best site.

## **NEW BUSINESS**

### **NEW ENGINEERS AND STUDENT PARTICIPATION**

Greg Drewiske reported making some good contacts this week working with a group of young engineers and/or students. The focus is on bringing the next generation along. Special emphasis on first time attendees was one area of improvement, with ribbons and a Monday breakfast. The group is working to get college students involved. Rory thanked Greg for his work in this effort and stressed that this is important for the long term vitality of the committee.

### **EXECUTIVE OFFICER ELECTIONS**

Elections of the PPIC Executive Officers are made by the past-past chairman, the past chairman and the present chairman. Ron Simpson submitted the recommended slate of officers for 2007-2008 including Blake Lloyd – Chairman, Dave Durocher – Program Chairman, Rhonda Banks – Secretary and Alex Wu - Treasurer. A voice vote by the attending members confirmed these nominations.

### **PPIC ASSOCIATE EDITOR / PAPER PUBLICATION CHAIRMAN**

Rory Johnson reported that Laurie Cihlar has resigned her position due to a job change. The position will include involvement with the papers and how they are handled, cataloged and tracked. Previously it was simply working with the paper graders. Moving forward, this will involve working via Manuscript Central with a new procedure to track papers and paper review. Bob Jordan volunteered.

### **PROTECTIVE RELAYS CONFERENCE**

Robert Adams brought up the subject of protective relay conferences, GA Tech and others have sponsored these in the past. This would be vendor specific training during a 4 hour informal session Sunday afternoon. This might be a good draw for mill personnel who would like to get this added skill. Robert to bring examples of vendor programs that would fit this and the committee can review during the interim meeting.

### **SUBCOMMITTEE CHARTER**

Dennis Neitzel suggested that we post the purpose/charter for each subcommittee so new attendees can get a better understanding of the works of each subcommittee. John Malinowski will include this in the registration packet for Williamsburg.

**THE MEETING WAS ADJOURNED (ON TIME) AT 5:25 PM.**

**Appendix A - FINAL FULL COMMITTEE AGENDA**

**IEEE PULP & PAPER INDUSTRY COMMITTEE ANNUAL MEETING  
RADISSON PAPER VALLEY HOTEL – APPLETON, WI  
TUESDAY JUNE 20, 2006  
3:30 PM to 5:30 PM – Salon B**

- |  |                 |
|--|-----------------|
| 1 - Welcome & Introductions  | Rory Johnson    |
| 2 - Review/Approval of Minutes of October 23, 2005 Interim Meeting | Dave Durocher   |
| 3 - Executive Committee Report                                     | Dave Durocher   |
| 4 – Jacksonville Conference Closeout Report – Audit Report         | Rich Butler     |
| 5 - Treasurers Report/Conference Audits (Victoria)                 | Rhonda Banks    |
| 6 – Standing Subcommittee Reports:                                 |                 |
| a – Membership   | Alan Lowe       |
| b – Mailing List   | John Kay        |
| c – Publicity  | Rob Boteler     |
| d – Paper Awards / Associate Editor                                | Laurie Cihlar   |
| e – PPIC Awards  | Russ Thrift     |
| f – Fellows Nominations  | Clayton Reid    |
| 7 - Liaison Reports:   |                 |
| a – IEEE – IAS   | Clayton Reid    |
| b – PAPTAC (formerly CPPA)   | John Kay        |
| c – TAPPI  | Burt Judson     |
| d – IEEE SCC 18  | Richard Barker  |
| IEEE - Standards Projects Coordinating                             | Richard Barker  |
| e – Electrical Safety Workshop                                     | Larry Thomas    |
| 8 - Operating Subcommittee Reports:                                |                 |
| a – EMMC   | Larry Menche    |
| b – DCS  | John Malinowski |
| c – PDS  | Robert Adams    |
| d – TSSC   | Tim Crnko       |
| 9 – 2006 Appleton Conference Report                                | Duncan Rhodes   |
| 10 – 2006 Appleton Technical Program                               | Blake Lloyd     |
| 11 – 2007 Williamsburg Technical Program                           | Blake Lloyd     |
| 12 - Future Conferences:   |                 |
| a - 2007 – Williamsburg, VA  | John Malinowski |
| b - 2008 – Seattle, WA   | Rich Turner     |
| c - 2009 – Birmingham, AL  | Robert Adams    |
| d – 2010 - ????  | Charlie Canty   |
| 13 – Old Business  |                 |
| a – Update on Permanent PPIC Web Site / Conference Site            | Blake Lloyd,    |
| b – Ad-Hoc Committee on Conference Awareness                       | Dave Durocher   |
| c – Ad-Hoc Committee on Conference Perpetuation                    | John Kay        |
| d – Interim Meeting  | Dave Rollay     |
| 14 – New Business  |                 |
| a – Ad-Hoc Committee Young/Student/New Engineers                   | Greg Drewiske   |
| b – Election of Executive Officers                                 | Ron Simpson     |
| c – PPIC Associate Editor / Paper Publication Chairman             | Rory Johnson    |

**Adjourn Full Committee Meeting on or before 5:30 PM!**

**APPENDIX B - EMMC SUBCOMMITTEE MEETING MINUTES**

**INDUSTRY APPLICATIONS SOCIETY  
PULP & PAPER INDUSTRY COMMITTEE**

**Engineering, Management, Maintenance & Construction Subcommittee**

**Conference Meeting Minutes**

**June 20, 2006 – Appleton, WI**

**Meeting Date:** June 20, 2006

**Meeting Start:** 1:00 PM

**Meeting Adjourned:** 3:00 PM

**Recorded By:** David Durocher/Larry Menche

**Total Members:** 20

**Members Present:** 9

Blake Lloyd	David Durocher
Rory Johnson	Russ Thrift
Burt Judson	Bill Polly
Larry Menche	Allen Watson
George Matto	

**Guests Present:** 7

John Briggs	Jerry Nuernberger
Pat Lavelle	Johan Kargar
Jerod Vandehey	Larry Thomas
Don Powalka	

**Members Visiting Other Subcommittee:** 0

**Members Excused:** 7

Peter Baen	Tim Hoy
Rhonda Banks	Frank Newman
Laurie Cilar	Jim Haferkorn
Robert Montgomery	

**Members Not Excused:** 2

Janet Flores	Steven Trussell
Mike Tribe	

**2006 Paper Reviewer:**

- George Matto
  - Discussed appointment of a paper grader. Rory stressed that the graders should receive papers 1-2 months in advance.
  - Rory Johnson has volunteered to be paper grader for EMMC for the 2007 conference.

**Introduction**

Introductions were made and a list of the EMMC members was circulated for attendance and updates.

**General Business**

Larry reported highlights of the Executive Committee Meeting.

- Blake Lloyd is going to issue a “Tutorial Guideline”
- There was some discussion as to whether there should be tutorials on Thursday and Friday or just Thursday.
- There was a brief discussion about the Williamsburg conference
  - The budget has been submitted
  - There have been some special challenges organizing the conference without local presence – but not insurmountable.
  - The hotel in Williamsburg has a 90 day commitment for rooms so there will have to be an earlier “early” registration than in past conferences.
- Dave Durocher reported mill participation has increased over the last 3 years.
- There was a copyright violation last year (very low level infraction). Sponsors and chairmen are reminded to be sure all the required documentation in the author’s guide is complete and correct to avoid future occurrences.
- EMMC committee paper grader and backup both were not able to make the conference. George Matto “took the ball” with just a couple days notice and did a great job! Many thanks to George. It was suggested that in the future, paper graders are selected in the conference prior and not in the interim meeting.
- It was suggested we consider establishing a Process Control subcommittee. A topic for the interim meeting?

**New Business**

- See brainstorming above. Russ suggested that Paper Graders should get special ribbon and recognition.
- Alan Watson volunteered to be the EMMC committee vice chair.
- The list of proposed papers was reviewed and updated with changes. New paper topics were discussed.

**Future Papers**

Reference the Microsoft Excel database that accompanies the minutes for the list of future papers.

EMMC FUTURE PAPERS

Number	Subcommittee	Title	Status					Year	Paper	Panel	Tutorial
			A	B	C	D	E				
2003-2	EMMC/CBS	WIRELESS ETHERNET NETWORK for REMOTE CONTROL of a CHIP RECEIVING SYSTEM	1					2006	1		
2003-3	EMMC/CBS	PANEL - WHERE CAN YOU CUT BACK ON MAINTENANCE AND WHERE SHOULD YOU NOT IN LEAN TIMES?						2005		1	
2003-4	EMMC/CBS	PROCESS CONTROL NETWORK SECURITY	1					2006	1		
2003-7	EMMC/CBS	PROTECTION of POWER EQUIPMENT from CORROSION in INDUSTRIAL ATMOSPHERE of PULP and PAPER PLANTS	1					2006	1		
2003-11	EMMC/CBS	APPLICATION of LIGHTNING PROTECTION at a PAPER MILL			1			2006	1		
2003-12	EMMC/CBS	DOCUMENT MANAGEMENT SYSTEMS and THEIR USE		1					1		
2004-1	EMMC	HOW TO START LARGE MOTORS ON WEAK SYSTEMS	1						1		
2004-2	EMMC	HEATED TUBING: PREFABRICATE OR FIELD TRACE AND INSULATE	1					2006	1		
2004-4	EMMC	ONLINE MAINTENANCE MONITORING		1				2006	1		
2004-5	EMMC	DUAL POWERED - STEAM & ELECTRIC - I.D. FAN ON A RECOVERY BOILER					1		1		
2004-7	EMMC	CAPITAL PROJECT COMMISSIONING			1			2006	1		
2006-1	EMMC	Bio Refinery					1		1		
2006-2	EMMC	Day Lighting					1		1		

**APPENDIX B****EMMC SUBCOMMITTEE**

2006-3	EMMC	Generation Interconnections, A Case Study					1		1		
2006-4	EMMC	ENERGY ECONOMICS TUTORIAL									1
2006-5	EMMC	Electrical Testing of Motors Rated 6kV and below			1				1		
2006-6	EMMC	Lightning Protection (Tutorial)									1
2006-7	EMMC	Opportunities for Electrical Engineers in the Pulp & Paper industry							1		
2006-8	EMMC	The Case for Interns		1					1		
		<b>TOTAL</b>	5	3	3	0	4		16	1	2

**APPENDIX C - PDS SUBCOMMITTEE MEETING MINUTES**

**POWER DISTRIBUTION SYSTEMS  
SUBCOMMITTEE  
CONFERENCE MEETING MINUTES  
June 20, 2006 – Appleton, WI**

**Meeting Date:** June 20, 2006

**Meeting Start:** 12:00 Noon                      **Meeting Adjourn:** 3:00 PM

**Recorded by:** Robert Adams

**Total Members:** 36                              **New Members:** 3

**Guests:** 14

**Members Present: 19**

ROBERT L ADAMS	ROY E COSSE JR
J C DAS	RICHARD KIRBY
ANTHONY S LOCKER	STANLEY Y MERRITT
DOUGLAS C MOODY	CHARLES J MOZINA
FELIX J NEPVEUX	GAIL W PALMER
ED REID	TODD E ROBBINS
RICHARD C SCHAEFER	RONALD H SIMPSON
GLENN A SMITH	RICH TURNER
MARCELO E VALDES	WILLIAM S VILCHECK
ALEX Y WU	

**Members Excused: 3**

JOHN S LEVINE	B L GRAVES
VERNON A NEWBILL	

**Members Unexcused: 14**

THOMAS E ASHLINE	ROBERT J BELTZ
TOM BLOOMING	TERRY BRANCH
DAVID A BURROW	DONALD B DEYO
STEVEN L DYRNES	CHARLES J HARDY
WARREN A HENSON	JAMES E LYLES
ROBERT T MOORE	EDWARD R SEXTON
JOHN D WHINCUP	CARLOS J YEPEZ

**Guests: 14**

GEORGE GALTRESS	JEFF BROOKS
WALLY STOREY	RICHARD FIELD
BRENDA ETZEL	BART BARTOLUCCI
GEOFF CLARK	JERRY SNAPP
ANDREW LEDBETTER	TODD LEGETTE
MARK SCHOOF	JOHN PASHEK
RICHIE MATHIS	JIM GIBSON

**Members Transferred:** None

**Resignations:**                   None

**Meritorious Award Nominees:**   0

**2007 Paper Graders:**   Rich Schaefer, Marcelo Valdes

**Introduction**

Robert Adams welcomed all present to the Appleton, WI PDS Subcommittee meeting. Each member and guest was asked to introduce himself or herself. A list of the PDS members was circulated for updating and attendance. Updates have been forwarded to Alan.

**General Business**

Executive Committee Meeting issues were reviewed and discussed.

The 2007 Conference will be held in Williamsburg, VA June 24-28, 2006. The Interim Meeting will be held in Atlanta on October 22-23, 2006.

At the time of the meeting, there were 50 mill engineers registered, 137 (full) and 28 (day) technical registrants, and 73 tutorial registrants.

**Future Papers**

See attached spreadsheet.

If there are any comments/corrections, please contact the writer.

Note: Alan Lowe was not present and any excused absence information sent to him has not been included in this attendance log. Alan Lowe maintains the official attendance records.



**PDS FUTURE PAPERS**

Number	Subcommittee	Title	Status	Year
2003-04	PDS	Arc Resistant Switchgear Application and Installation	B	2007
2005-04	PDS	A Method to Reduce Arc Flash Hazards & Harmonics in Power Systems with Multiple Sources	B	2007
2005-11	PDS	Paper Mill Case Study in Safety Improvements for On-Line Generator Brush Changing	B	2007
2006-7	PDS	Relay Failures Due to Silver Whiskers	B	2007
2007-2	PDS	Utilizing the Benefits of Microprocessor Based Protective Relaying		2007
2007-3	PDS	Protective Relay Coordination		2007
2007-4	PDS	Reducing Interrupting Duties of Medium Voltage Circuit Breakers by Increasing Contact Parting Time	B	2007
2007-5	PDS	Predicted and Actual Operating Currents in Two 4.0 Mvar Tuned Filter Banks	C	2007
2007-6	PDS	Power System Blackouts - Minimizing Their Impact on Industrial Co-Generation Facilities	A	2007
2007-7	PDS	Restoration and Upgrade of a Paper Mill's Electrical Generating System - A Case Study of Brownville Specialty Paper Products	B	2007
2007-8	PDS	Lessons Learned Through Commissioning and Analyzing Data from Transformer Differential Installations	B	2007
2007-9	PDS	Application of Existing Technologies to Reduce Arc-Flash Hazards	B	2007
2007-10	PDS	Distribution Equipment Modernization to Reduce Arc-Flash Hazards	C	2007
		<b>Paper Status</b>	<b>2007</b>	<b>2008</b>
		<b>A</b>	1	
		<b>B</b>	8	
		<b>C</b>	2	
		<b>D</b>	0	
		<b>E</b>	0	
		<b>Tutorial</b>	2	
		<b>Panel</b>	0	
		<b>Totals</b>	13	0

**APPENDIX D - TSSC SUBCOMMITTEE MEETING MINUTES****TRAINING, SAFETY, STANDARD AND CODES SUBCOMMITTEE  
IEEE, IAS PULP & PAPER COMMITTEE****Conference Meeting – Appleton, WI  
MINUTES of MEETING**

**Meeting Date:** June 20, 2006

**Recorded by:** Bob Jordan

**Members Present:** Clayton Reid  
Paul Rouillier  
Larry Thomas  
Dennis Neitzel  
Ralph Shead  
Bob Jordan

Total: 6

**Members with an  
Excused Absence:** Richard Barker†  
Tim Crnko  
Jim Harris  
Jim Williams

Total: 3

**Members with an  
Unexcused Absence:** Malcolm Steves\*\*  
Steve Pittman\*\*

Total: 2

**Total Members:** 10 (12\*\*)

†While technically, Richard did not request an excused absence, he sent Tom Jurczak in his absence. This certainly constitutes “do diligence” in my book and thus should not count against him.

\*\*Alan Lowe is to determine the membership status of Malcolm Steves and Steve Pittman

**Guests:** Tom Jurczak for Richard Barker†  
Pat Malie  
Kevin Lippert

Total: 3

**Introductions**

After the attendees had finished lunch provided by the Committee, the meeting was called to order by Assistant Chairman Dennis Neitzel, who was filling in for Chairmen Tim Crnko who was unable to attend the Meeting or the Conference.

All attendees and guests introduced themselves.

Attendance was taken.

**Announcements & General Business**

The subject of nominees for both the meritorious service and meritorious engineering were discussed and it was voted to re-submit the subcommittee's two previous nominations.

The key dates for the current NEC cycle are as follows:  
REVISION SCHEDULE FOR 2008 NEC (NFPA 70 – 2008)

**PROPOSAL CYCLE**

Nov. 4, 2005	Receipt of Proposals
Jan. 9-21, 2006	Code-Making Panel Meetings (ROP)
Feb. 24, 2006	Receipt of Ballots
July 14, 2006	NEC ROP to Mailing House

**COMMENT CYCLE**

Oct. 20, 2006	Closing Date for Comments
Nov. 28- Dec. 9, 2006	Code-Making Panel Meetings (ROC)
Jan. 9, 2007	Receipt of Ballots
March 23, 2007	NEC-ROC to Mailing House

**RATIFICATION CYCLE**

May 4, 2007	Intent to Make Motion (ITMAM)
May 18, 2007	Posting of ITMAMs
June 3-7, 2007	NFPA Annual Meeting

**PUBLICATION**

Sept. 2007	Release of 2008 NEC
------------	---------------------

Note that the closing date for commenting on the proposed changes is October 20, 2006.

It was mentioned that NFPA has “pushed backed” the next release of NFPA 70E by one year. Therefore rather than getting on the same three year cycle as NFPA 70 (the National Electrical Code), it will be a year behind.

The key dates for the current 70E cycle are as follows:  
REVISION SCHEDULE FOR 2009 SESWP (NFPA 70E - 2009)

**PROPOSAL CYCLE**

Sept. 15, 2006	Closing date for proposals
Feb. 2, 2007	Code-Making Panel Meetings (ROP)
Feb. 16, 2007	Final date for mailing TC (Technical Committee) Ballots
Mar. 9, 2007	Receipt of TC Ballots
Apr. 13, 2007	Final date for TCC (Technical Compatibility Committee) meeting
Apr. 20, 2007	Final date for mailing TCC ballots
May 11, 2007	Receipt of TCC Ballots
Jun. 22, 2007	ROP published and posted

**COMMENT CYCLE**

Aug. 31, 2007	Closing Date for Comments
Oct. 5, 2007	Final date for ROC meeting
Oct. 19, 2007	Final date for mailing TC (Technical Committee) Ballots
Nov. 9, 2007	Receipt of TC Ballots
Dec. 14, 2007	Final date for TCC (Technical Compatibility Committee) meeting
Dec. 21, 2007	Final date for mailing TCC ballots
Jan. 11, 2008	Receipt of TCC Ballots

## **APPENDIX D**

## **TSSC SUBCOMMITTEE**

Feb. 22, 2008 ROC published and posted

### **RATIFICATION CYCLE**

Apr. 4, 2008	Intent to Make Motion (ITMAM)
May 4, 2008	Posting of ITMAMs
June 2-5, 2008	NFPA Annual Meeting
June 20, 2008	Appeal Closing
Jul. 25, 2008	Issuance of documents w/ or w/o ITMAM

### **PUBLICATION**

Oct. 1, 2008 Release of 2009 NFPA -70E, 2009 Ed.

. The important point is that the committee is still accepting proposals until Sept. 15th of this year.

Also of interest are the following NEMA Standards:

- NEMA Standards AB-4-2003, "Guidelines for Inspection and Preventative Maintenance of Molded Case Circuit Breakers Used in Commercial and Industrial Applications" is available.
- The 2006 revisions of the NEMA Standards PB 1, "Panelboards" and PB 2, "Deadfront Distribution Switchboards" were approved and published. Changes to these documents include updates to reference to the latest edition of other referenced Codes & Standards. In addition, the Enclosure "Type" designations were modified to reflect the most recent terminology in NEMA 250."
- A revision to the NEMA Standard AB-3, "Molded Case Circuit Breakers and Their Application" should be available before the end of 2006. Changes include additional information about 100% rated circuit breakers, selective coordination and zone selective interlocking. The standard has also been updated to the latest references.
- A new NEMA document "Distribution Equipment Switch – Application and Maintenance Guide" should be available before the end of 2006.

All these NEMA documents are (or will be) available for FREE downloading from the NEMA website: [www.NEMA.org](http://www.NEMA.org). (Search for Standards.)

### **Status of Future Technical Papers**

There are a total of: 0 - "A papers", 0 - "B papers", 3 - "C papers", 3 - "D papers", 1 - "E paper" and 2 "A Tutorials". See Spreadsheet entitled 2006 Annual TSSC Paper Summary and Status Tally for details.

It was noted that since Tom Jurczak was not aware of the paper being sponsored by Richard Barker, that Tom would notify Richard that he (Richard) would need to check with Doug Keith of Nexans in order to determine the status of this paper: Medium Voltage Cable Installation guide – Push or Pull? And report back to Tim Crnko.

TSSC Paper Reviewer for the Williamsburg Conference in 2007 will be Paul Rouillier or Jim Williams (backup).

### **Adjournment**

The meeting was adjourned at 2:50 PM by the Dennis Neitzel.

**TSSC FUTURE PAPERS**

CONF YEAR	Sub- Committee	Paper Status					TITLE
		A	B	C	D	E	
2007	TSSC				X		Medium Voltage Cable Installation Guide - Push or Pull?
2007	TSSC				X		NFPA 70E - Its Effect on Construction and Project Work in the Pulp and Paper Industry
2007	TSSC					X	Cable Field Testing - Low Frequency AC versus DC
2007	TSSC			X			Basics of suitability for installation (based on NEC 110 and OSHA 1910.303)
2007	TSSC			X			Things to Do to Prepare for an Arc Flash Study
2007	TSSC			X			Winder Equipment Safety Standard
2007	TSSC				X		Nuggets of Cable Knowledge
2007	TSSC	X					Tutorial - Key Elements of Implementing an Electrical Safety Program
2007	TSSC	X					Tutorial - Safety Achieved Through Grouding

**APPENDIX E - DCS SUBCOMMITTEE MEETING MINUTES****DRIVES AND CONTROL SYSTEMS SUBCOMMITTEE  
IEEE, IAS PULP & PAPER COMMITTEE  
2006 CONFERENCE MEETING MINUTES**

**Meeting Date:** Tuesday, June 20, 2006  
**Meeting Started:** 12:12 PM  
**Meeting Adjourned:** 02:45 PM  
**Chairman:** John Malinowski  
**Vice Chairman/Secretary:** Greg Drewiske  
**Total Members:** 54  
**Members Present:** 33  
**Members Excused:** 6 (may be more that told Alan Lowe)  
**Members Not Excused:** 12, 3 left industry  
**Guests:** 15

**Introduction**

- Members and guests introduced themselves
- Attendance / Membership List passed around and annotated

**Announcements**

- Antitrust Announcement was read.  
 Reminder committee members need to keep IAS membership up-to-date. Check your bill from IEEE to make sure there is a line item for IAS. See Clayton Reid for free IAS membership.
- See Jim Rooks for information on becoming a Senior Member.
- Reminder from John to utilize an IEEE alias for your e-mail address. That will simplify keeping track of you in the event you change jobs or Internet providers. Info at [www.ieee.org](http://www.ieee.org)

**Old Business**

- Review of DCS Minutes from Appleton Meeting: Brian Winter moved to approve. Multiple seconds. Minutes approved as sent.
- Future Conferences are scheduled as follow:
 

2007	Williamsburg, VA	John Malinowski is Local Chair
	June 24-28	Colonial Williamsburg Hotel
2008	Seattle, WA	Rich Turner is Local Chair
2009	Birmingham, AL	Robert Adams is Local Chair
2010	Mid-America	Need volunteer

**New Business:**

- Paper Reviewer/Grader for 2007 Appleton: Mark Spears volunteered. Duncan Rhodes and Del Seaver will be the backups.
- Discussion led by Burt Judson to look into taking over TAPPI Drives Short Course, updating and presenting. Also talked about potential interaction with TAPPI for their Technical Information Sheets (TIS). Possible means to work on TIS sheets would be a separate series of meetings during the Interim Meeting. More discussion to follow at General Meeting.

- Meritorious Award Nominees. Jim Rooks nominated John Kay for the Meritorious Service Award. Warren Hopper continues to be nominated for the Meritorious Engineering Award. John Malinowski nominated Duncan Rhodes for Meritorious Service Award, which was seconded by Brian Winter, Charlie Canty and Daleep Mohla. Jim Rooks volunteered to perform needed paperwork for all.
- John Malinowski reviewed the duties and responsibilities of Sponsors and Reviewers and encouraged all to read the Operating Guide downloadable from the [www.pulpandpapercommittee.com](http://www.pulpandpapercommittee.com) website.
- 5 visitors wanted to join the PPIC and were emailed the required forms. Darren Honaker is not on the subcommittee list and he submitted paperwork at the 2005 interim meeting – what happened?
- Subcommittee chair term changes after June 2007 meeting. Is anyone interested in serving as vice-chair?

#### **Review of Papers:**

- See attached spreadsheet

#### **Appendix A – Classification and Schedule of Papers**

The criteria for paper classification are as follow:

- Class A: Paper has a sponsor, a committed author, an abstract, and a rough draft in hand, ready for review.
- Class B: Paper has a sponsor, a committed author, and abstract in hand.
- Class C: Paper has a sponsor and a committed author.
- Class D: Paper has a sponsor and an identified author.
- Class E: Paper has a sponsor.

The approximate schedule for papers is as follows (final schedule to be posted on the website ([www.pulpandpapercommittee.com](http://www.pulpandpapercommittee.com)):

- 9/15/06 Author Data Sheets to Program Chair
- 10/23/06 Interim Meeting. Rough drafts available for reviewers.
- Author kits to authors (sent by sponsors)
- 11/8/06 Reviews of rough Drafts due.
- 12/19/06 Final drafts to the reviewers (sent by sponsors)
- 12/20/06 Final drafts to reviewers (sent by sponsors)
- 1/24/07 Review of final drafts due. Copyright transfer form, Author's Data & Release forms sent to Program Chair.
- 3/6/07 Final manuscript sent to Program Chair.
- 3/20/07 Manuscripts sent to printer.
- 4/17/07 Acknowledgment and schedule sent to authors.
- 6/5/07 Bound copies of record sent to Conference Chair.
- 6/24/07 2007 IEEE Conference Colonial Williamsburg, VA.

Sponsors should make sure that the sub-committee chairmen get a copy of the author's data sheets and a copy of the Abstract. Reviewers should check the official guide to make sure that their role is understood. It is the responsibility of the reviewer to check the paper's accuracy, not to be the editor. The guide is available on the website. It is important that the sponsor not only coordinates the reviews of the paper, but also checks the presentation itself to make sure it conforms to IEEE guidelines, especially in the area of avoiding any commercialism (including company logos on template except for title page). Since the presentations are all in PowerPoint, they can be easily sent from the author to the sponsor or placed on the Pulp and Paper FTP site. It is a requirement that all authors / presenters register for the Conference, even if it is for only one day. This is also true for New Product Presenters.

**DCS FUTURE PAPERS**

Technical Paper Summary				Status							
Number	Subcommittee	Title	Year	A	B	C	D	E	Paper	Panel	Tutorial
2003-09	DCS	Implementation Issues in Electronic Lineshafting Control	2007		1				1		
2003-14	DCS	Can Dryer Drive Strategies	2007			1			1		
2004-03	DCS	Rogowski Coils	2007			1			1		
2004-06	DCS	Evaluation of Setting Criteria of Speed Loops in Paper Machine Drives	2007		1				1		
2004-25	DCS	Impact of Medium Voltage Drives on Design and Insulation of MV Motors	2008		1				1		
2004-26	DCS	Design Characteristics of AC Unwind Motors	2007			1			1		
2004-27	DCS	Replacement of Open Motors with Enclosed Motors in Paper Machine Applications	2007								
Paper withdrawn by Steve Evon 6/28/06											
2005-04	DCS	AC Liquid Cooled Drive System Retrofit of a High Speed Winder	2008		1				1		
2005-05	DCS	Grease Compatibility Issues and Lubrication Practices in Paper Mill Motors	2007		1				1		
2005-10	DCS	A Tale of Two Motors: Case Studies Emphasizing Motor Reliability and Load Analysis Results from the 100 Motor Study	2007	1					1		
2005-11	DCS	Stator and Rotor Winding Testing	2007								
Passed along to Larry Menche in EMMC meeting 6/20/06											



## APPENDIX E

## DCS SUBCOMMITTEE

2005-12	DCS	Proper Installation and Maintenance of Tachometers Encoders	2008			1							1
2005-13	DCS	On-machine Diagnostotics of Machine Variables using FFT Analysis	2008			1							1
2005-14	DCS	A Comparison of Imbeded vs. Separate Control for Drives	2007			1							1
2005-15	DCS	Update on IEEE 841 Spec	2008									1	1
2005-16	DCS	Motor Repair Specifications	2008									1	1
2005-17	DCS	Intro to IEEE 1068 motor repair spec	2007			1							1
2005-18	DCS	Methods for the Mitigation of Line Disturbances due to PWM LV VFD Drives	2007			1							1
2005-19	DCS	Considerations for Drive System Communications Networks	2007									1	1
2006-01	DCS	Dynamic online sensing of sheet modulus of elasticity	2007			1							1
2006-02	DCS	Robust sheet tension observer for Winders	2007			1							1
2006-03	DCS	Modeling an evaluation of dryer sections of papermachines driven by gear trains	2007			1							1
2006-04	DCS	Turbine Downgrade Project	2007			1							1
2006-05	DCS	Technical Considerations of Aluminum Conductor	2007			1							1
2006-06	DCS	Modeling the the Common Mode Noise on Low Voltage Drive and Motor System	2008									1	1

APPENDIX E

DCS SUBCOMMITTEE

2006-07	DCS	Issues with Replacement of VBI Slitter drive with IGBT Drive	2007			1			1				
2006-08	DCS	Field Report on torridal bearing successes	2007			1			1				
2006-09	DCS	Effect of the Load on the expected savings from a premium efficiency alternating current squirrel cage rotor induction motor	2007			1			1				
2006-10	DCS	Guide to Motor Repair or Replace Decisions	2007			1							
		2007 Totals:			1	13	6	0	0	19	0	0	
		2008 Totals:			0	3	3	1	0	6	0	1	

# APPENDIX F APPENDIX F - MEMBERSHIP REPORT

# MEMBERSHIP REPORT

## IEEE PULP & PAPER INDUSTRY COMMITTEE

August 2006

### IEEE/IAS Pulp and Paper Industry Committee Members and Applicants

ROBERT L ADAMS [Robert] IEEE Senior Member #07968274 PPIC Member Since 6/00 Subcommittee PDS	Office: 205-972-6462 Fax: 205-972-6300 Home 205-664-3196 E Mail: adamsr@bek.com	BE&K ENGINEERING COMPANY PO BOX 12607  BIRMINGHAM, AL 35202 6607
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R KEITH ALLEN [Keith] IEEE Member #08316143 PPIC Member Since Subcommittee DCS	Office: 770-754-8549 Fax: 770-754-4789 Home 770-343-8380 E Mail: rallen@ra.rockwell.com	ROCKWELL AUTOMATION 11575 GREAT OAKS WAY SUITE 110 ALPHARETTA, GA 30022
PETER R BAEN [Peter] IEEE Senior Member #4757670 PPIC Member Since 6/97 Subcommittee EMMC	Office: 512-396-5801 Fax: 512-396-3627 Home 512-353-1127 E Mail: peter.baen@thermon.com	THERMON MANUFACTURING CO 100 THERMON DR P O BOX 609 SAN MARCOS, TX 78667
RHONDA D BANKS [Rhonda] IEEE Senior Member #4876215 PPIC Member Since 7/95 Subcommittee EMMC	Office: 843-308-4999 Fax: 843-308-4916 Home 843-884-3402 E Mail: rdb14@meadwestvaco.com	MEAD WESTVACO CORP P O BOX 118005  NORTH CHARLESTON, SC 29423 8005
J RICHARD BARKER [Richard] IEEE Senior Member #03652872 PPIC Member Since 6/03 Subcommittee TSSC	Office: 916-632-9295 Fax: 916-632-9296 Home 916-639-9295 E Mail: richardb@ieee.org	GENERAL CABLE 5339 WESLEY RD  ROCKLIN, CA 95765
ROBERT J BELTZ [Robert] IEEE Senior Member #00452441 PPIC Member Since 6/00 Subcommittee PDS	Office: 678-309-4245 Fax: - Home 678-454-1520 E Mail: robertjbeltz@eaton.com	EATON ELECTRICAL INC 7000 HIGHLANDS PARKWAY  SMYRNA, GA 30082
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## APPENDIX F

## MEMBERSHIP REPORT

### IEEE/IAS Pulp and Paper Industry Committee Members and Applicants

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D RAY CRANE [Ray] IEEE Senior Member #7326135 PPIC Member Since 6/78 Subcommittee DCS	Office: 662-327-1961 Fax: - Home 662-327-1961 E Mail: craneray@bellsouth.net	WEYERHAUSER COMPANY 297 RICHARDSON ROAD  COLUMBUS, MS 39702
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D RAY CROW [Ray] IEEE Senior Member #05718887 PPIC Member Since 7/04 Subcommittee TSSC	Office: 360-671-6131 Fax: - Home - E Mail: drcrow@aol.com	DRC CONSULTING LTD 1356 CHUCKANUT DR  BELLINGHAM, WA 98229
NORMAN L DANZ [Norm] IEEE Member #80458668 PPIC Member Since Subcommittee TSSC	Office: 715-355-6381 Fax: 715-355-6215 Home 715-298-2500 E Mail: norm.danz@weyerhaeuser.com	WEYERHAEUSER PAPER COMPANY 200 GRAND AVE  ROTHSCHILD, WI 54474
J C DAS [Jay] IEEE Senior Member #04037438 PPIC Member Since 6/01 Subcommittee PDS	Office: 770-688-2656 Fax: 770-688-2501 Home 770-982-8758 E Mail: jay.das@amec.com	AMEC 1979 LAKESIDE PARKWAY SUITE 500 TUCKER, GA 30084

## APPENDIX F

## MEMBERSHIP REPORT

### IEEE/IAS Pulp and Paper Industry Committee Members and Applicants

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ROB C DUFTON [Rob] IEEE Associate Member #41480611 PPIC Member Since 10/02 Subcommittee DCS	Office: 519-740-4100 x 247 Fax: 519-740-9871 Home 519-584-1722 E Mail: rcdufton@ra.rockwell.com	ROCKWELL AUTOMATION OF CANADA 135 DUNDAS STREET  CAMBRIDGE, ON N1R 5X1
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## APPENDIX F

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## APPENDIX F

## MEMBERSHIP REPORT

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**APPENDIX F**

**MEMBERSHIP REPORT**

Attendance Record Annual/Interim Meeting	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	
Robert Adams														X/X	X/O	X/X	E/X	X/X	X/X	X/X	X	
Tim Albers															X/X	X/X	X/X	X/X	E/E	X/E	X	
Peter Baen												/X	O/X	X/X	X/E	O/E	E/X	X/E	O/E	X/E	O	
Ronda Banks										X/E	O/X	X/X	X/X	O/X	E/X	X/X	X/X	X/X	X/E	X/E	O	
Richard Barker																		X/O	O/E	X/O	E	
Robert Beltz															E/E	O/X	O/O	E/O	E/E	X/E	O	
John Bentley	X/E	X/X	X/E	X/X	X/X	X/X	X/X	X/X	X/E	X/X	X/X	X/X	X/X	X/E	X/E	E/E	X/E	X/O	X/E	X/X	X	
Tom Blooming																					O	
Austin Bonnett					X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/E	E/E	E/E	E/O	O/O	O/O	O	
Kevin Borthwick																					O	
Rob Boteler																			/X	X/E	X	
Terry Branch			/E	X/X	X/O	X/E	X/X	X/O	X/O	O/E	E/E	O/E	O/O	O/X	O/O	O/O	X/E	O/O	X/E	E/E	O	
Ken Butler													X/O	O/O	O/O	X/O	X/O	X/E	X/X	X/X	X	
Rich Butler															X/X	X/X	X/O	X/E	X/X	X/E	O	
Charlie Canty	E/E	E/X	E/O	X/X	E/E	X/X	O/X	X/O	E/O	E/X	E/X	X/X	X/E	X/X	X/X	X/X	X/X	X/E	X/X	E/X	X	
Laurie Cihlar							/X	X/X	X/X	O/X	O/X	E/E	E/X	X/E	E/X	X/X	X/X	X/E	X/E	X/E	O	
Roy Cosse																		E/X	X/E	O/E	X	
Ray Crane	X/X	X/X	X/X	X/E	X/E	X/X	X/E	X/E	X/E	X/O	X/O	X/E	X/E	X/X	X/E	X/X	X/E	X/O	E/E	X/E	O	
Tim Crnko														X/X	X/X	X/E	X/X	X/E	X/E	E/E	E	
Ray Crow																			X/E	O/O	O	
Jay Das															-/X	X/X	X/X	E/X	X/E	X/E	O	
Greg Drewiske																				X/X	X	
Rob Dufton																	/X	E/E	E/E	O/E	O	
David Durocher												X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X	
Richard Dykstra																X/E	O/X	X/X	X/E	X/E	X	
Stephen Dyrnes	X/E	E/X	E/O	E/E	X/E	O/E	X/X	X/E	X/O	O/E	E/E	X/E	X/E	X/E	E/O	X/E	E/E	O/O	O/E	E/O	O	
Steve Evon																		X/O	X/E	O/O	O	
Pete Famighetti			X/O	X/O	X/E	X/X	X/E	X/E	E/E	E/E	E/E	O/O	X/E	O/O	E/E	E/E	O/E	X/E	X/E	X/X	X	
Michael Feldkirchner																				X/E	O	
Lanny Floyd																	X/O	O/O	X/E	O/O	O	
Russ Ford															X/O	X/X	X/E	X/X	X/E	X/X	X	
Phil Fransen	X/X	X/X	X/E	E/E	X/E	E/O	X/X	O/O	X/E	X/E	X/X	X/X	X/X	E/X	X/E	E/E	E/E	O/O	O/O	O/O	O	
Bob Fritz	X/X	X/X	X/X	X/X	X/X	X/X	E/X	X/O	E/E	X/O	O/E	E/O	O/E	O/O	E/O	E/O	O/E	X/E	X/E	X/E	O	
Terry Gallagher												X/X	X/X	X/E	X/O	X/E	X/E	X/E	X/E	X/E	X	
Cyndi Gates																				O/E	X	
Bruce Graves	X/X	X/X	X/X	X/X	E/E	X/X	E/X	E/O	E/E	X/O	O/X	X/X	E/E	O/X	X/X	X/X	X/X	X/X	E/E	O/O	O	
Bill Green																	X/E	O/E	O/E	X/O	O	
Don Grey																			X/X	X/X	X	
Jim Haferkorn																				X/O	E/E	O
Charlie Hardy																		X/O	O/E	O/O	O	
James Harris													-/X	O/X	O/X	X/E	X/E	X/X	E/X	O/E	E	
Warren Henson														O/X	X/E	O/X	X/E	E/O	O/E	O/O	O	
John Holmquist	/E	X/E	X/X	X/X	X/E	X/X	X/E	X/X	X/X	X/X	X/X	X/E	X/X	X/X	X/X	X/X	X/X	X/E	X/X	X/X	X	
Darren Honaker																			X/E	O/O	X	
Warren Hopper															X/E	O/O	X/E	X/E	X/E	X/E	X	
Tim Hoy																X/O	O/O	X/E	X/E	E/E	O	
Jubin Jackson																			/E	X/E	O	
Preston Jackson	E/X	X/E	X/E	X/E	X/X	X/E	X/X	X/E	X/E	X/X	X/X	X/E	X/O	X/X	X/X	X/X	X/X	X/E	X/E	X/E	X	
Rory Johnson	X/E	E/O	E/E	X/X	X/O	X/O	X/X	X/O	X/E	X/X	X/O	X/X	X/X	X/X	E/X	X/X	X/X	X/X	X/X	X/X	X	
Walt Jones	E/E	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	O/X	X/X	X/X	X/X	X/X	X/X	E/E	X/E	E/X	X/X	X/X	X	
Robert Jordan											E/E	X/X	X/E	X/X	X/X	X/X	X/E	X/E	E/X	X/E	X	
Burt Judson	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X	

**APPENDIX F**

**MEMBERSHIP REPORT**

Attendance Record Annual/Interim Meeting	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06		
Dick Kane	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	X/X	O	
John A. Kay											X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X
Richard Kirby																						O	
Mike Kozlowski																					X/O	O	
John Levine							/X	E/X	X/X	E/X	X/E	O/X	X/X	O/X	X/E	O/X	E/E	X/X	X/E	X/E	X/E	O	
Pat Link								/X	X/E	E/E	X/X	O/X	X/X	X/E	X/E	X/X	X/O	X/X	E/E	O/X	X		
Kevin Lippert																			X/E	X/E	X		
Blake Lloyd									X/E	X/X	X/X	X/X	X/X	X/E	X/E	X/X	X/X	X/X	X/X	X/X	X/X	X	
Anthony Locker																			X/O	X/X	O		
Bob Lorenz															X/O	O/O	X/O	X/O	X/E	X/E	X		
Jeff Lovelace																				X/E	X		
Alan Lowe		O/E	X/E	X/X	X/X	X/X	X/X	X/X	X/E	X/X	X/X	X/X	X/X	X/X	X/E	X/X	X/X	X/X	X/X	X/X	X/X	E	
James Lyles												X/O	O/O	O/O	X/E	O/X	X/O	X/X	E/X	O/O	O		
John Malinowski																X/X	X/X	X/X	X/X	X/X	X		
George Matto	E/E	X/E	X/E	X/O	E/E	X/O	O/O	X/O	X/O	E/O	X/E	X/E	O/O	X/E	X/E	X/E	X/X	X/O	X/E	X/E	X		
Ron Meihofner	X/X	X/X	X/X	X/X	X/X	E/X	X/X	X/X	X/X	X/X	X/X	E/X	X/X	X/X	X/X	X/X	X/X	X/E	X/E	E/E	O		
Larry Menche								X/E	X/X	X/O	X/E	E/E	X/X	X/O	E/X	X/E	X/X	X/X	X/E	X			
Stan Merritt	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	E/E	E/O	O/E	E/E	E/O	X/O	O/O	X		
David Mintzlauff										O/X	O/E	O/E	O/E	X/O	X/E	X/X	X/E	X/E	X/E	O/X	E		
Daleep Mohla																					O		
Robert Montgomery													-/X	X/X	X/X	E/X	X/E	X/E	O/E	X/E	O		
Doug Moody															-/O	X/X	X/E	E/E	E/E	E/E	X		
Chuck Mozina																			X/X	X/E	X		
Dennis Neitzel																			X/E	X/E	X		
Felix Nepveux																			X/E	X/E	X		
Vernon Newbill													X/O	X/X	E/X	O/E	X/E	E/E	E/E	O/E	O		
Frank Newman	X/X	X/X	X/E	E/E	X/E	X/E	E/X	E/X	X/X	E/E	X/X	X/E	E/E	O/X	X/E	E/E	E/E	X/E	E/E	E/E	O		
Bob Olsson												X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/E	X/O	O		
Bud Palmer			X/X	O/X	X/X	X/X	X/X	X/O	E/X	E/X	X/X	O/O	E/X	X/O	X/E	O/E	X/E	O/X	X/E	X			
Craig Pinto																	X/X	X/X	E/X	O/X	O		
Bill Polley																				X/X	X		
Clayt Reid	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/E	X/X	X		
Ed Reid				/X	X/X	X/X	X/X	X/E	E/X	E/X	X/X	X/O	O/O	E/O	X/E	O/E	O/O	O/D	X/E	X			
Duncan Rhodes												X/E	X/X	X/E	X/X	X/E	X/X	X/E	X/X	O			
Todd Robbins																X/O	E/O	O/O	X/E	O			
Dave Rollay	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	E/X	X/X	X/X	X/E	X/X	X/X	X/X	X/X	X/X	X		
James Rooks											X/O	X/X	X/O	X/X	X/X	X/E	X/E	X/E	X/E	X			
Paul Roullier				/X	X/X	X/E	X/X	X/X	X/X	X/X	X/E	X/X	X/E	X/X	X/O	X/E	X/E	X/E	X/E	X			
Richard Schaefer													-/E	X/E	X/E	X/E	X/X	X/E	X/E	X			
Del Seaver								/O	X/X	X/O	X/E	X/X	X/X	X/X	X/E	E/O	E/E	E/O	X				
Ted Sexton				/E	X/E	X/X	X/O	O/O	O/E	X/O	O/O	X/E	X/O	X/O	E/E	X/E	O/E	X/E	E/E	O			
Ralph Shead								/O	X/X	X/X	X/X	X/X	X/X	X/O	E/X	X/X	X/O	O/X	X				
Ron Simpson	X/X	X/X	X/X	X/X	X/X	X/O	X/X	X/X	X/X	X/X	X/X	X/E	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X		
Glenn Smith														X/O	X/E	E/E	E/E	X/E	O/O	X			
Mark Spears																				X			
Larry Thomas			E/E	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/E	E/E	X/E	X/X	X		
Russ Thrift			X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/E	X/X	X/X	E/X	E/X	X/X	X		
Mike Tribe																		X/E	E/E	O			
Steven Trussell														X/O	X/E	X/E	E/O	O/E	O/O	O			
Richard Turner																				X			
Marcelo Valdes																		X/E	X/X	O			
Anibal Valenzuela														X/E	X/O	X/O	X/O	X/E	X/E	X			

**APPENDIX F**

**MEMBERSHIP REPORT**

Attendance Record	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04
Annual/Interim Meeting	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I
Bill Vilcheck												/X	X/X	O/X	X/X	X/E	X/X	X/E	X/E	X/X	X
Hank Wachter						X/O	X/E	X/X	X/X	X/E	X/E	X/X	X/X	X/X	E/E	O/X	O/X	E/X	X/X	X/O	X
Rick Watkins			/X	X/X	X/X	X/O	X/X	E/X	X/X	X/E	O/X	X/X	O/O	O/O	X/X	X/X	X/X	X/O	X/X	O	
Allen Watson															X/O	X/E	X/X	X/E	X/E	X	
Mark Weaver	X/E	E/X	E/X	X/X	X/E	X/E	X/X	X/E	X/X	X/X	E/E	X/X	X/E	X/X	X/X	X/X	X/X	E/X	X/E	E/E	O
Pete Werner								X/O	X/X	X/O	E/E	X/X	X/E	X/X	X/E	X/O	X/X	X/X	X/X	X	
John Whincup																		X/E	O/O	O	
Jim Williams	X/X	X/X	X/X	E/O	X/E	E/E	X/E	E/O	E/O	X/O	E/E	E/O	O/O	X/O	O/X	X/X	X/X	X/X	X/X	E/X	E
Brian Winter																			X/X	O	
Alex Wu	E/X	E/X	X/X	X/E	X/O	X/E	X/X	X/X	X/O	X/X	X/X	X/X	X/O	X/X	X/X	X/X	X/X	X/X	X/E	X/E	X
Carlos Yepez																		X/E	O/O	O	
Mark Zawadzki											/X	E/X	X/O	X/X	E/X	O/O	X/E	X/E	E/O	X	

For 2006 Annual Meeting

No. Present	50
No. Excused	6
No. Absent	60
Total on Roll	116

## APPENDIX G - PAPER AWARDS AND PUBLICATIONS

## 2006 PPIC Conference Paper Awards Report

### 2006 Prize Papers

1<sup>st</sup> Place

" "

*Author:*

2<sup>nd</sup> Place

""

*Author:*

Best Mill Paper

""

*Authors:*

### Technical Paper Publication Status for 2005 Conference Papers

- **12 papers submitted to *IEEE Transactions on Industrial Applications***

*All papers have been selected for 2006 publication.*

*4 papers have been published to date.*

- **14 papers submitted to *IAS Magazine***

*11 papers have been selected for 2006 publication.*

*8 papers have been published to date.*

### Special Recognition – 2006 Paper Reviewers

EMMC:	George Matto, The Okonite Company
PDS:	Rich Schaefer, Basler Electric
TSSC:	Bob Jordan, Weyerhaeuser
DCS:	Daleep Mohla, DCM Electrical Consulting Services