



**INDUSTRY APPLICATIONS SOCIETY**

**PULP & PAPER INDUSTRY COMMITTEE**

MINUTES of the

**CONFERENCE FULL COMMITTEE MEETING**

**2007 PPIC COMMITTEE MEETING**  
**The Williamsburg Lodge, Williamsburg, VA**  
**Tuesday June 26, 2007**

# IEEE/IAS PULP & PAPER INDUSTRY COMMITTEE

## FULL COMMITTEE MEETING

### Table of Contents

<b>WELCOME AND INTRODUCTIONS .....</b>	<b>4</b>
<b>SECRETARY'S REPORT.....</b>	<b>4</b>
<b>EXECUTIVE COMMITTEE REPORT.....</b>	<b>4</b>
<b>TREASURER'S REPORT/CONFERENCE AUDITS.....</b>	<b>5</b>
<b>STANDING SUBCOMMITTEE REPORTS .....</b>	<b>5</b>
MEMBERSHIP.....	5
MAILING LIST .....	5
PUBLICITY .....	6
PAPER AWARDS .....	6
PPIC AWARDS .....	6
FELLOWS NOMINATIONS AND IAS MEMBERSHIP .....	6
<b>LIAISON REPORTS.....</b>	<b>6</b>
IEEE/IAS .....	6
PAPTAC (CPPA).....	7
TAPPI .....	7
IEEE - STANDARDS COORDINATING.....	7
IEEE ELECTRICAL SAFETY WORKSHOP.....	8
SEVERE DUTY MOTORS TASK FORCE.....	8
<b>OPERATING SUBCOMMITTEE REPORTS .....</b>	<b>8</b>
<b>WILLIAMSBURG CONFERENCE REPORT .....</b>	<b>8</b>
<b>FUTURE CONFERENCES .....</b>	<b>8</b>
2008 SEATTLE CONFERENCE.....	8
2009 BIRMINGHAM CONFERENCE .....	8
<b>SEATTLE CONFERENCE TECHNICAL PAPERS.....</b>	<b>9</b>
<b>OTHER BUSINESS.....</b>	<b>9</b>
INCOMING SUBCOMMITTEE CHAIRS.....	9
AD HOC COMMITTEE ON CONFERENCE AWARENESS.....	9
AD HOC COMMITTEE ON PPIC PLANNING .....	9
INTERIM MEETING LOCATION .....	10
CONFERENCE PRESENTATION COORDINATOR .....	10
AD HOC COMMITTEE ON STUDENT/YOUNG ENGINEERS .....	10
JAMES A. ROOKS MEMORIAL STUDENT INTERN PROGRAM/CONTRIBUTIONS TO IEEE .....	10
<b>NEW BUSINESS.....</b>	<b>10</b>
<b>APPENDIX A - FINAL FULL COMMITTEE AGENDA.....</b>	<b>11</b>
<b>APPENDIX B - EMMC SUBCOMMITTEE MEETING MINUTES.....</b>	<b>12</b>
<b>APPENDIX C - PDS SUBCOMMITTEE MEETING MINUTES .....</b>	<b>16</b>
<b>APPENDIX D - TSSC SUBCOMMITTEE MEETING MINUTES.....</b>	<b>19</b>
<b>APPENDIX E - DCS SUBCOMMITTEE MEETING MINUTES.....</b>	<b>22</b>



**IEEE/IAS PULP & PAPER INDUSTRY COMMITTEE  
CONFERENCE MEETING  
MINUTES OF THE FULL COMMITTEE  
The Williamsburg Lodge  
Williamsburg, VA**

**June 26, 2007**

## **WELCOME AND INTRODUCTIONS**

Blake Lloyd called the meeting to order at 3:35 PM. He welcomed everyone to Williamsburg and the Conference Full Committee meeting. He then asked everyone in turn to introduce him or herself. Blake gave an insightful speech about the IEEE organizational “family tree” and the visions of the IEEE, IAS and Process Industries Department, to which the PPIC Committee belongs. He thanked everyone in attendance for “offering a new opportunity to meet with colleagues and share our common experiences”. A meeting sign-in sheet was circulated for all attendees to indicate their presence.

## **SECRETARY’S REPORT**

Rhonda Banks reported that the full committee minutes from the Atlanta Interim meeting were distributed via email to all committee members on June 18, 2007 and were to be posted on the committee website [www.pulpandpapercommittee.com](http://www.pulpandpapercommittee.com). Due to the difficulty of obtaining current email addresses, she emphasized the desire for members to obtain an IEEE alias using the [iee.org](http://iee.org) website and setting up an IEEE web account. A motion was given and seconded to approve these minutes as distributed. They were accepted and passed.

## **EXECUTIVE COMMITTEE REPORT**

Rhonda Banks reported that 19 members were in attendance at the Executive Committee meeting. The meeting was held on Sunday from 2:35 PM to 4:48 PM and resulted in a good discussion on the following issues facing this group:

- 1) A Forest Products Ad Hoc Committee will be formed. (See New Business section.)
- 2) John Kay has developed a *DRAFT* copy of a new PPIC Local Planning Committee Guide. The guide is intended to serve as a roadmap for future local conference committees. Interested members should review this document and contact John directly. Blake Lloyd will post this document on the IEEE website for member access. Input from this conference’s local committee is of interest.
- 3) Due to the resignation of Clayton Reid, who has moderated this portion of the conference in the past, Jahan Kakar has been named the moderator for this conference. Subcommittee chairs are to solicit a replacement that is interested in this annual conference task.
- 4) Larry Thomas has agreed to coordinate the compilation of the technical paper presentations for this conference. Currently, he has all of the presentations for Monday’s technical sessions, but still has several to obtain for Tuesday and Wednesday. Larry suggested identifying a trainee for this responsibility as a back-up. Duncan Rhodes will operate the timer during the technical program.
- 5) There was discussion about obtaining a permanent web site for handling ongoing conference registrations. Currently, each local committee handles this responsibility and it is one of the most difficult tasks of hosting a conference. A benefit of using a permanent web site would be the continuity and consistency from one conference to the next. The desire would be to have an assigned position for managing the process of registration, managing the communication between the web site manager and the local committee registration chairperson. Pete Famighetti has agreed to perform this function this year and next. Discussion in the October interim meeting will be planned for proposing this position and a back-up.
- 6) Potential changes to the Operating Guide may be necessary upon review of the Conference Tutorial Guide by Rhonda Banks and Blake Lloyd. These will be discussed at the interim meeting in October.

## **TREASURER'S REPORT/CONFERENCE AUDITS**

Alex Wu noted that the 2004 Victoria conference has not been closed due to a lack of funding for the required audit. An accountant from Auburn University has offered his services free of charge and will send the closeout information to him upon completion.

The 2005 Jacksonville conference has been successfully closed with all paperwork submitted.

To assist with the conference budgeting process, it has been suggested that the Treasurer's responsibilities include accumulating and holding past conference budget data to transfer the information from one conference committee to the next. Using this data and local adjustments, the Treasurer will be able to assist the conference local committee with the budgeting process and expedite the conference closing process. Blake Lloyd, Rhonda Banks and Alex Wu will discuss wording changes to the Operating Guide.

## **STANDING SUBCOMMITTEE REPORTS**

### **MEMBERSHIP**

Alan Lowe passed a membership list for members to review and correct, if necessary. He noted that anyone interested in joining the committee should contact him. He reported that our current committee membership is 122. Since the interim meeting in October 2006, we have had the following changes in membership:

- Resigned/Retired – 1 (Clayton Reid)
- Passed Away – 1 (Jim Rooks)
- New Members – None
- Outstanding Applicants – 3 (Paul Henri, Rick Hoadley and Chad McLellan)
- Pending Applicants – 2 (Tony Holliday, Richard Hunt)

At the interim meeting, we had 49 members present, 34 members that requested excused absences and 41 members with unexcused absences. Requests for excused absences should be sent/forwarded to Alan.

Alan gave a job sector distribution of our membership as follows:

- 66 Vendors
- 29 Consultants
- 23 Mill Personnel
- 2 Academics
- 2 Retired Members

He also reported that 100 of the 122 current members have a grade of Senior Member or higher. This is an impressive 82 percent, but it was noted that in honor of Jim Rooks, a membership percentage of 100% should be a goal by next conference. Requirements for eligibility are 5 years in the industry and 3 references from IEEE Senior members (or higher).

### **MAILING LIST**

John Kay reported that the committee mailing list continues to evolve. He received the registration list from the Appleton committee and reconciled that data to the master mailing list. He also updated the data based on the mark-ups of the mailing list documents displayed at our June conference.

The following is an update and report:

Total Entries	3142	
Stale Entries	1315	[no attendance since 1998]
Entries removed this year	464	[no attendance since 1998]
Total as of June 16, 2007	2678	
Entries with Email addresses	1829	[69%]

John noted that approximately 300 entries are marked for removal this coming year (no attendance for the last 10 years and no valid email address).

## **PUBLICITY**

Rob Boteler, our committee Publicity Chair reported that a press release for this conference was submitted to a list of publications, including Jane Alexander, Editor, *Maintenance Technology* magazine. He announced that we are pleased to have Mrs. Alexander as a guest at this conference. A post card mailing was sent approximately ten weeks prior to this conference targeting potential attendees. An evaluation of the effectiveness of this mailing will be made after the conference.

## **PAPER AWARDS**

Due to a family emergency, Laurie Cihlar was unable to attend and no report was given for the Paper Awards.

## **PPIC AWARDS**

Russ Thrift announced that Walter Jones is the winner of the 2007 Meritorious Engineering Award and John Kay is to be awarded the 2007 Meritorious Service Award. Russ suggested that each of us make a special effort to recognize these two gentlemen during the week.

## **FELLOWS NOMINATIONS AND IAS MEMBERSHIP**

John Kay reported that we had one nominee accepted in the 2007 Fellows class - James A. Rooks received his Life Fellow award for "leadership in engineering applications in the pulp and paper industry". Sadly Jim is not here to accept our acknowledgment of this outstanding achievement but his spirit lives on through us and through the conference he held so dearly.

This year we submitted two nominations to the 2008 class of Fellows. We resubmitted Ron Simpson's nomination and we submit a nomination for Jay Das. The IEEE Fellows Review Committee will issue their report in November. We are looking forward to a positive response for both of our nominees. Good luck to both of our nominees!

The Fellows Program was established to recognize and honor outstanding members for their significant accomplishments in the advancement or application of engineering, science, and technology and for their contributions to the mission of the IEEE. The IEEE Fellows are an elite group from around the globe. The IEEE looks to the Fellows for guidance and leadership as the world of electrical and electronic technology continues to evolve.

John recognized all Fellows in attendance at the meeting. Future nomination considerations should be discussed with John Kay or Blake Lloyd.

## **LIAISON REPORTS**

### **IEEE/IAS**

Dave Durocher recognized Bob Lorenz as the outgoing Division Director for IAS and Mark Weaver as the outgoing Publications Chair for IAS. Currently, Blake Lloyd is the IAS Electronics Commerce Chair and Dave Durocher is the Process Industries Department Chair. This position represents IAS industry committees including Pulp & Paper, Petrochemical, Metals, Mining and Cement industries. He noted that there was great involvement from this committee and that we are one of the top contributors to IEEE/IAS publications. We are recognized as a valued part of the IAS community.

## **PAPTAC (CPPA)**

John Kay reported that PAPTAC held its 93rd Annual Meeting February 5-9, including the EXFOR 2007 products display, at the Palais des Congress in Montreal, QC.

Attendees came from mills, supplier companies, research institutions, and universities from 33 countries.

There were over 300 exhibiting companies at EXFOR who gave visitors a hands-on look at the many new products and services available to the industry in a dynamic and busy location.

Attendance at this year's event:

Delegates to the technical presentations: 774

Visitors to EXFOR: 2812

EXFOR exhibitors: 1793

Total participants at PAPTAC Annual Meeting: 5379

There continues to be marked downturn in the technical program attendance. The Electrical/Instrumentation Engineering and Maintenance Committee has dwindled to a very low point – mostly due to lack of organization, planning and program enhancement.

Plans are already under way for PaperWeek 2008 which will be held from February 6-7, 2008. EXFOR 2008 will celebrate its 50th anniversary and will display the latest science and technology devoted to the manufacturing of pulp, paper and board products. Information on these events can be found at [www.paptac.ca](http://www.paptac.ca).

## **TAPPI**

Burt Judson reported that the existence of the electrical engineering committee is minimal. There is a scheduled teleconference call tomorrow. Apparently the “new and stream-lined TAPPI” will be made up of several “common interest groups” (CIGs), not “committees and sub-committees”. Burt plans to suggest that the Electrical Drives committee continue, with a possible name change to “Electrical Drives CIG”, included as a part of the TAPPI Process Control Division.

## **IEEE - STANDARDS COORDINATING**

*IEEE SCC 18:*

Daleep Mohla is the current chair of Standards Coordinating Committee. The purpose of this group is to review and coordinate the instructions of IEEE Technical Committees to establish the IEEE position of IEEE representatives to National Fire Protection Association Standards Committees and to establish the IEEE position on all matters regarding toxicity and fire risk hazard assessment.

IEEE is listed as a User in the National Fire Protection Association technical committees to achieve balance between various stakeholders. All IEEE representatives to NFPA technical committees must meet NFPA requirements for user category. Other stakeholders are represented by various other organizations. For example, the National Electrical Manufacturers Association (NEMA) represents manufacturers in NFPA technical committees.

Some of the key documents SCC 18 representatives provide user input are:

**NFPA 70:** The National Electrical Code. IEEE has representation in 18 out of 20 Code Making panels in NEC

**NFPA 70B:** Recommended Practice for Electrical Equipment Maintenance

**NFPA 70E:** Standard for Electrical Safety in the Workplace

**NFPA 780:** Standard for the Installation of Lightning Protection Systems

There are a few openings in the National Electrical Code making panels, and NFPA 780, to represent IEEE under the user category. Anyone interested should contact the SCC 18 Chair with their resume.

## **IEEE ELECTRICAL SAFETY WORKSHOP**

Larry Thomas reported that several representatives from our group attended the Electrical Safety Workshop in Calgary, Alberta this past winter. The next one is scheduled for March 18-21, 2008 in Dallas, TX.

## **SEVERE DUTY MOTORS TASK FORCE**

John Malinowski reported that this task force met this week as a first step to form a working group to develop a standard for severe duty AC induction motors. A survey will be prepared and sent to manufacturers. The information will be consolidated and sent to Forest Product representatives for feedback. Another meeting is planned for the interim meeting in June. In order to be a member of this group, a membership to the Standards Association is required.

## **OPERATING SUBCOMMITTEE REPORTS**

Detailed reports from the 4 standing subcommittees are appended.

A large thank you was offered by Blake Lloyd for the service rendered by the outgoing subcommittee chairs. They will be recognized at the conference luncheon. The new subcommittee chairs are as follows:

EMMC – Allen Watson  
PDS – Bill Vilchek  
TSSC – Dennis Neitzl  
DCS – Greg Drewiske

## **WILLIAMSBURG CONFERENCE REPORT**

John Malinowski reported that the local committee has experienced no issues thus far. He gave the updated statistics for current attendance. Approximately one-third of the tutorial attendees are first-time attendees which indicates the benefit of offering these tutorials free of charge for first-time attendees. He has had outstanding service from the hotel staff.

## **FUTURE CONFERENCES**

### **2008 Seattle Conference**

Rich Turner announced that the Williamsburg conference registration packet includes an invitation letter for the Seattle, WA conference to be held at the Grand Hyatt Seattle on June 22-27, 2008.

### **2009 Birmingham Conference**

Robert Adams reported that the 2009 conference committee has secured a hotel for the dates of June 21-25, 2009 at the Renaissance Ross Bridge Golf Resort and Spa in Birmingham, AL.

Charlie Canty announced that a volunteer is needed to host the 2010 conference. Possible locations could be Milwaukee, Wisconsin or the mid-Texas area.

2011 – Minneapolis area? Need volunteer.

2012 – To be determined



## **SEATTLE CONFERENCE TECHNICAL PAPERS**

After tallying the subcommittee reports, Dave Durocher revealed that the list of potential papers for the Seattle Conference is as follows:

A Papers – 12

B Papers – 21

C Papers – 12

D Papers – 5

E Papers – 7

Tutorials – 4

Panels – 1

He emphasized the need to push for the A/B papers to be presented at the conference.

Dave also noted that the Call for Papers for this conference resulted in 7 papers being submitted, with 3 of those being presented at this conference.

## **OTHER BUSINESS**

### **INCOMING SUBCOMMITTEE CHAIRS**

Reference in previous section.

### **AD HOC COMMITTEE ON CONFERENCE AWARENESS**

Dave Durocher will give a presentation at a meeting of this ad hoc committee later this week that highlights their focus on attracting industry engineers to participate in the activities of the Pulp and Paper Industry Committee of the Industry Applications Society.

This past September “Thanks for Attending” letters and an extra CD copy of the 2006 conference record were sent to industry engineers that attended the Appleton conference. In October, a list of 420 emails was loaded into List Serve, which is a free email database management service from IEEE. In November, a “Save the Date” correspondence was sent out to promote this conference by identifying the following benefits of attending:

- 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
- 7) Minimize time away from the mill

Efforts from this ad hoc committee will continue with the engagement of the local committee for the 2008 Seattle Conference.

### **AD HOC COMMITTEE ON PPIC PLANNING**

John Kay reported that this council met two times via teleconference with a main focus on the engagement of our committee with the Forest Products group. It was recommended that an ad hoc committee be formed to investigate

the potential formation of a subcommittee, with membership focusing on the promotion of technical papers attractive to this group.

Bruce Honda, from the Wood Products Division of Weyerhaeuser, has been contacted for input about interest, potential membership, contacts, etc. One of these contacts is attending the conference this week to offer feedback about whether this may be a forum of interest. A goal was set to try to include a few papers oriented to this group's interest for presentation at next year's conference.

Blake Lloyd will investigate the process for forming an ad hoc committee to address this issue in the future.

#### **INTERIM MEETING LOCATION**

Dave Rollay announced that the interim meeting will be held at the Westin Atlanta Airport in Atlanta, GA on October 21-22, 2007.

#### **CONFERENCE PRESENTATION COORDINATOR**

Larry Thomas has agreed to coordinate the compilation of the technical paper presentations for this conference and next year's conference. Larry suggested identifying a trainee for this responsibility as a back-up.

#### **AD HOC COMMITTEE ON STUDENT/YOUNG ENGINEERS**

Greg Drewiske announced that this Ad Hoc Committee formed in October for the promotion of students and young engineers to become involved in our committee. A proposal was made to IAS for the approval of four college intern sponsorships to attend our annual conference. Three of these were approved and the James A. Rooks Memorial Student Intern Program that will be introduced this year will address another attendee. The two groups eligible for these sponsorships are college engineering students and young industrial engineers. The subcommittee chairs were asked to encourage their members to nominate eligible persons for the next conference.

#### **JAMES A. ROOKS MEMORIAL STUDENT INTERN PROGRAM/CONTRIBUTIONS TO IEEE**

Dave Durocher announced that in recognition of Jim's life-long contributions to the IEEE, beginning this year The Pulp & Paper Industry Committee of the IEEE Industry Applications Society has established the James A. Rooks Memorial Student Intern Program. This and every year, our committee will celebrate Jim's relentless compassion to bring young engineers into the industry by sponsoring engineering student interns working for industry manufacturing companies, to attend our annual PPIC technical conference at no cost. As Jim personified excellence in engineering, so too will the next generation of engineers be better prepared to meet industry challenges through exposure to technical papers and tutorials at the conference, and interaction with leading practicing engineers. Proceeds to fund this initiative will come from the James A. Rooks Memorial Endowment established by the IEEE Foundation. Contributions can be made to: IEEE Foundation in memory of James A. Rooks, IEEE Development Office, 445 Hoes Lane, Piscataway, NJ 08854. This not-for-profit foundation qualifies for company matching gift programs.

### **NEW BUSINESS**

There was no new business introduced at the meeting.

#### **THE MEETING WAS ADJOURNED AT 5:05 PM.**

**Appendix A - FINAL FULL COMMITTEE AGENDA**

**FULL COMMITTEE AGENDA  
IEEE PULP & PAPER INDUSTRY COMMITTEE  
ANNUAL TECHNICAL CONFERENCE MEETING  
Colonial Williamsburg Convention Center  
Virginia Room ABC  
Tuesday June 26, 2007  
3:30 PM to 5:00 PM**

- |  |                 |
|--|-----------------|
| 1 - Welcome & Introductions  | Blake Lloyd     |
| 2 - Review/Approval of Minutes of June 2006 Conference Meeting           | Rhonda Banks    |
| 3 - Executive Committee Report   | Rhonda Banks    |
| 4 - Treasurers Report/Conference Audits                                  | Alex Wu         |
| 5 - Standing Subcommittee Reports:                                       |                 |
| A – Membership   | Alan Lowe       |
| b – Mailing List   | John Kay        |
| c – Publicity  | Rob Boteler     |
| d – Paper Awards   | Laurie Cihlar   |
| e – PPIC Awards  | Russ Thrift     |
| f – Fellows Nominations  | John Kay        |
| 6 - Liaison Reports:   |                 |
| a – IEEE – IAS   | Dave Durocher   |
| b – PAPTAC (formerly CPPA)   | John Kay        |
| c – TAPPI  | Burt Judson     |
| d – IEEE SCC 18  | Richard Barker  |
| e - IEEE - Standards Projects Coordinating                               | Richard Barker  |
| f – Electrical Safety Workshop   | Larry Thomas    |
| 7 - Operating Subcommittee Reports:                                      |                 |
| a – EMMC   | Larry Menche    |
| b – DCS  | John Malinowski |
| c – PDS  | Robert Adams    |
| d – TSSC   | Tim Crnko       |
| e – New subcommittee officers  | Blake Lloyd     |
| 8 – Williamsburg Conference Report                                       | John Malinowski |
| 9 – Future Conferences   |                 |
| a - 2008 – Seattle WA  | Rich Turner     |
| b - 2009 – Birmingham  | Robert Adams    |
| c – 2010 - ????  |                 |
| 10 – Seattle Conference Technical Papers                                 |                 |
| 11 – Other Business  |                 |
| a – Incoming Subcommittee Chairs   | Blake Lloyd     |
| b – Ad-Hoc Committee on Conference Awareness                             | Dave Durocher   |
| c – Ad-Hoc Committee on PPIC Planning                                    | John Kay        |
| d – Interim Meeting Location   | Dave Rollay     |
| e – Conference Presentation Coordinator                                  | Larry Thomas    |
| f – Ad Hoc Committee on Student/Young Engineers                          | Greg Drewiske   |
| g – James A. Rooks Memorial Student Intern Program Contributions to IEEE | Dave Durocher   |
| 12 – New Business  |                 |

**Adjourn Full Committee Meeting on or before 5:00 PM!**

**APPENDIX B - EMMC SUBCOMMITTEE MEETING MINUTES****Engineering, Management, Maintenance & Construction Subcommittee  
Conference Meeting Minutes  
Williamsburg, VA****Meeting Date:** June 26, 2007**Meeting Start:** 12:00 PM**Meeting Adjourned:** 2:45 PM**Recorded By:** Larry Menche/Allan Watson**Total Members:** 19**Members Present:** 13

Russ Thrift	Blake Lloyd	Bill Polley
Rhonda Banks	George Matto	Rory Johnson
Peter Baen	Larry Menche	Jahan Kargar
Dave Durocher	Allen Watson	
Burt Judson	Robert Montgomery	

**Visitors:** 4

Jonathon Saleeby	Roland Roberge
Dale Basso	Mike McKee

**Members Excused:** 3

Laurie Cihlar	Frank Newman
Tim Hoy	

**Members Not Excused:** 4

Jim Haferkorn	Rick Watkins
Mike Tribe	Steve Trussell

**2008 Paper Reviewer:**

Larry Menche

**Introduction**

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

**General Business**

Highlights of the Executive Committee Meeting were reported.

- Someone is needed to head up the unusual failures for this conference.
- Three students were attending this year as part of the new student attendance program.
- The conference organizer's manual will be put on the conference website.
- Maintaining the conference website is a difficult task. It was suggested a position be established – a standing subcommittee. Pete Famigetti is doing this now.
- The Seattle conference will be at the Grand Hyatt 6/22/08 to 6/27/08. Room cost expected to be \$180/night.
- The Birmingham conference will be at the Ross Bridge Golf Resort & Spa 6/21/09 to 6/25/09. Room cost expected to be \$179/night.
- The interim meeting will be 10/21/08 at the Westin, Atlanta.
- It was suggested that email addresses for the sponsors be included on the subcommittee paper tally spreadsheets.
- Nominations for the Meritorious service award and the engineering award must have paperwork submitted within 2 weeks of the interim meeting.

**New Business**

The list of proposed papers was reviewed and updated with changes. New paper topics were discussed.

The Jim Rooks Memorial Intern Support Fund was discussed. Burt Judson suggested to get the funds from the committee while we are here at the conference. Put the student intern program into the budget. Use future conference development on the line item of the proposed local committee budget.

Jahan Kargar volunteered to be the committee vice chair.

**Meritorious Award Nominees**

None at the meeting. Members were encouraged to submit names at a later date.

**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					2008	1		
2003-3	EMMC/CBS	PANEL - WHERE CAN YOU CUT BACK ON MAINTENANCE AND WHERE SHOULD YOU NOT IN LEAN TIMES?						2008		1	
2003-11	EMMC/CBS	APPLICATION of LIGHTNING PROTECTION at a PAPER MILL			1			2009	1		
2003-12	EMMC/CBS	DOCUMENT MANAGEMENT SYSTEMS and THEIR USE		1				2007	1		
2004-2	EMMC	HEATED TUBING: PREFABRICATE OR FIELD TRACE AND INSULATE	1					2008	1		
2004-4	EMMC	ONLINE MAINTENANCE MONITORING	1					2008	1		
2004-5	EMMC	DUAL POWERED - STEAM & ELECTRIC - I.D. FAN ON A RECOVERY BOILER					1	2008 ?	1		
2004-7	EMMC	CAPITAL PROJECT COMMISSIONING			1			2008	1		
2006-2	EMMC	Day Lighting					1	2008	1		
2006-3	EMMC	Generation Interconnections, A Case Study					1	2008	1		
2006-8	EMMC	The Case for Interns		1				2008	1		
2007-1	EMMC	Modern Acceptance Test Methods on Steam Turbines in Paper Mills		1				2008			

**APPENDIX B**

**EMMC SUBCOMMITTEE**

Number	Subcommittee	Title	Status					Year	Paper	Panel	Tutorial
			A	B	C	D	E				
2007-3	EMMC	Case Study: Retrofit Application of a DC and AC Motor Driving a Fan Pump Through a Common Shaft				1		2008			
2007-4	EMMC	Paper Machine Automation Upgrade - "Big Bang" Rather Than a Staged Incremental Approach: Case History			1			2008			
2007-5	EMMC	Overview of New Lighting Technology					1	2008			
2007-6	EMMC	Designed for safety : Trends and Standards Emerging in Low Voltage Control Assemblies		1				2008			
2007-7	EMMC	Managing Shaft Current Bearing Issues					1	2008			
2007-8	EMMC	Testing Methods for Electrical Apparatus					1	2008			
<b>TOTAL</b>			3	4	3	1	6		10	1	0

**APPENDIX C - PDS SUBCOMMITTEE MEETING MINUTES**Meeting Minutes Published  
Thursday, June 28, 2007**Power Distribution Systems  
SUBCOMMITTEE MEETING MINUTES  
Williamsburg, VA**

**Meeting Date:** June 26, 2007

**Meeting Start:** 12:00 Noon      **Meeting Adjourn:** 2:00 PM

**Recorded by:** Robert Adams

**Total Members:** 36      **New Members:** 2

**Guests:** 13

**Members Present: 18**

ROBERT L ADAMS	GEOFF CLARK
J C DAS	BRENDA ETZEL
ANTHONY S LOCKER	STANLEY Y MERRITT
DOUGLAS C MOODY	CHARLES J MOZINA
FELIX J NEPVEUX	GAIL W PALMER
JOHN LEVINE	RICH HUNT
RICHARD C SCHAEFER	RONALD H SIMPSON
GLENN A SMITH	RICH TURNER
ALEX Y WU	WILLIAM S VILCHECK

**Members Excused: 9**

TOM BLOOMING	B L GRAVES
WARREN A HENSON	RICHARD KIRBY
ED REID	TODD LEGETTE
VERNON A NEWBILL	EDWARD R SEXTON
MARCELO E VALDES	

**Members Unexcused: 9**

ROBERT J BELTZ	TERRY BRANCH
ROY E COSSE JR	STEVEN L DYRNE
CHARLES J HARDY	JAMES E LYLES
TODD E ROBBINS	JOHN D WHINCUP
CARLOS J YEPEZ	

**Guests: 13**

BILL WINSAND	ED LARSEN
RICK TIMMS	DOUG DIETZEN
JIM HAVLIK	PAUL CAREY
DAN KOBIDA	RICHARD FIELD
WALLEY STOREY	STEVE SENA
JERRY SNAPP	LOUIS WEISBERG
MARK LANIER	

**Members Transferred:** None      **Resignations:** None

**Meritorious Award Nominees:** 0

**2008 Paper Graders:** Dan Kobida, Marcelo Valdes



**Introduction**

Robert Adams welcomed all present to the Williamsburg, VA 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 2008 Conference will be held in Seattle, WA June 22-27, 2008. The Interim Meeting will be held in Atlanta on October 21-22, 2007.

At the time of the meeting, there were 188 registered (full) and 102 tutorial registrants.

**Future Papers**

See attached spreadsheet.

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

PDS FUTURE PAPERS

No.	Title	Status	Year
2003-04	Arc Resistant Switchgear Application and Installation	D	2008
2007-2	Utilizing the Benefits of Microprocessor Based Protective Relaying Tutorial		2008
2007-11	Medium Voltage Arc Flash Analysis	B	2008
2007-13	Advanced Protection & Control Applications of Medium Voltage Industrial Generation Systems	C	2008
2007-14	Challenges & Solutions in Medium Voltage Motor Protection Due to Motor Starting	B	2008
2008-1	Design & Application of Split Core High Accuracy Current Transformers	B	2008
2008-2	Relay Communication Basics	C	2008
2008-3	Coordination of Generator Protection with Generator Excitation and Generator Capability	A	2008
2008-4	CT Selection	D	2008
2008-5	Zone Based Protection for LV Systems	A	2008
2008-6	Application of Digital Radio for Distribution Pilot Protection and Other Applications	B	2008
2008-7	Upgrading Power System Protection to Improve Safety, Monitoring, and Control	B	2008
2008-8	Steps to Determine Critical Parameters for Protection of Undocumented AC Motors	B	2008
2008-9	Power System Tutorial		
2008-10	Power System Tutorial		
<b>Paper Status</b>	<b>2008</b>		
<b>A</b>	2		
<b>B</b>	6		
<b>C</b>	2		
<b>D</b>	2		
<b>E</b>	0		
<b>Tutorial</b>	3		
<b>Panel</b>	0		

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

Meeting Date: June 26, 2007

Recorded by: Tim Crnko

Members Present: Tim Crnko  
Dennis Neitzel  
Ralph Shead  
Paul Rouillier  
Kevin Lippert  
Pat Malie (Industry)  
Larry Thomas  
**Total: 7**

Members with an  
Excused Absence: Norm Danz (Industry)  
D. Ray Crow  
Jim Harris  
Richard Barker  
**Total: 4**

Members with an  
Unexcused Absence: Bob Jordan  
Jim Williams  
H. Landis Floyd II  
**Total: 3**

Total Members: 14

Guests: Michael Gasperi 414-382-2508 [mlgasperi@ra.rockwell.com](mailto:mlgasperi@ra.rockwell.com)  
David (Mark) Pollack 306-373-5505 [mark.pollack@startco.ca](mailto:mark.pollack@startco.ca)  
David Shipp 724-779-5851 [daviddshipp@eaton.com](mailto:daviddshipp@eaton.com)  
**Total: 3**

**Introductions**

The meeting was called to order sometime after noon by Chairman Tim Crnko,.  
All attendees and guests introduced themselves. Attendance was taken.

**Announcements & General Business**

Larry Thomas explained the process for nominees for both the meritorious service and meritorious engineering were discussed. Members can give note Dennis Neitzel names for nominations. The interim meeting in October is the deadline for Dennis to submit any nominations to the Executive Committee.

**Status of 2008 Technical Papers, Updates, & Tutorials**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>
<b>Papers</b>	1	1	1	1	1
<b>C&amp;S* Update</b>	1				
<b>Tutorials</b>	1				

\* Code & Standards Update which is presented at the conference during one of the 25 minute slots. PowerPoint format only. PowerPoint should be submitted to program chair to be on the Conference CD (could it be put in the Conference hardcopy, too?)

See Spreadsheet entitled 2008 TSSC Paper Summary and Status Tally 6-07 for details.

TSSC Paper Reviewer for the Seattle Conference in 2008 will be Pat Maile with Ralph Shead as backup.

**Other Business****How to Target Topics for papers and tutorials that the Industry Personnel Want and Need:**

1. The Ralph Shead Challenge: Ralph challenged each TSSC member to “bring along” an industry person to our next TSSC meeting. Great idea.
2. Pat Maile is going to get input from his company’s maintenance personnel. After the meeting Tim Crnko asked Doug Moody to do the same.

**Paper reviewer discussion:** This year the reviewers did not receive notice of availability of papers to review until a week or so prior to conference and they had to be electronically downloaded. The large file size was a hindrance. A recommendation for the future is that paper reviewers receive the papers in hardcopy form and a few weeks prior to the conference. After the subcommittee meeting, Tim Crnko mentioned this to Dave Durocher and Dave indicated the 2008 papers will be sent out as hardcopy.

**TSSC Chair:** Moving forward Dennis Neitzel will be the TSSC Chair. Dennis is recruiting for TSSC Vice Chair.

**Adjournment**

The meeting was adjourned at 2:30pm.

**Distribution of Minutes:** Subcommittee members and guests, Committee Secretary, Committee Membership Chair.

TSSC FUTURE PAPERS

CONF	Paper Status					TITLE
YEAR	A	B	C	D	E	
2008	X					Update: Electrical Safety Standards & Regulations This is PowerPoint only No Paper Necessary
2008				X		Medium Voltage Cable Installation Guide - Push or Pull?
2009					X	NFPA 70E - Its Effect on Construction Project Work in the Pulp and Paper Industry
2009			X			Design and Installation Electrical Safety Requirements
2008		X				Things to Do to Prepare for an Arc Flash Study
2009			X			Applying EN Standards for Winder
2008					X	Unique Arc Flash Conditions & Solutions
2008				X		What We've Learned in Doing Arc Flash Studies
2008			X			Unique Solutions for Arc Flash Mitigation
2009			X			Establishing an Electrical Safety Program
2008		X				Tutorial - USA and Canada Electrical Safety 1/2 Day Dennis Neitzel
2008			X			Tutorial - Safety Achieved Through Grounding 1/2 Day

**APPENDIX E - DCS SUBCOMMITTEE MEETING MINUTES****DRIVES AND CONTROL SYSTEMS SUBCOMMITTEE  
IEEE/ IAS PULP & PAPER COMMITTEE  
2007 CONFERENCE MEETING MINUTES**

**Meeting Date:** Tuesday, June 26, 2007  
**Meeting Started:** 12:07 PM  
**Meeting Adjourned:** 02:58 PM  
**Chairman:** John Malinowski  
**Vice Chairman/Secretary:** Greg Drewiske  
**Total Members:** 59  
**Members Present:** 33  
**Members Excused:** 5  
**Members Not Excused:** 21  
**Guests:** 19

**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. You will get a notice from Allen Lowe if you are not a member of IAS.
- Soliciting interns for the 2008 program – IAS will support to a \$2000 cap. Talk to Greg Drewiske if you have a candidate.
- 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). See below for detailed instructions.
- Adding a new Ad-Hoc sub-committee on Forest Products with John Kay as chair. Looking for members.
- Need someone to volunteer to handle the unusual failures portion of our presentations at the annual conference. Prefer a mill guy. Let David Durocher know if you are interested.
- Need someone to volunteer to be Standards liaison to replace Richard Barker.
- Accepting donations for the “Jim Rooks Memorial Intern Fund.”
- Congratulations to John Kay and Walt Jones for their selection as the 2007 Meritorious Award winners.
- Interim Meeting will be October 21-22, 2007 at the Atlanta Airport Westin.

**Membership**

- Total Members 59
- Members present 33
- Members excused 5
- Members not excused 21
- Guests 19

**Old Business**

- Review of DCS Minutes from Atlanta Meeting: Minutes approved as sent.
- Future Conferences are scheduled as follow:

2008	Seattle, WA	Rich Turner is Local Chair
2009	Birmingham, AL	Robert Adams is Local Chair
2010	TBA	Need Volunteer
- Standing Meritorious Award nominees are Warren Hopper for Engineering and Duncan Rhodes for Service. These nominees will remain on the nominations list until they are withdrawn, ineligible or are presented with the award. New nominees along with forms need to be turned in by the Interim Meeting.

**New Business:**

- Paper Reviewer for 2008 – Del Seaver with Steve Littleby (pending membership) ,Javier Portos (pending membership), Roger Lawrence (pending membership) will be backups.
- Following this meeting, Greg Drewiske will rotate to the Chairman position, Darren Honaker will rotate to the Vice-Chairman/Secretary position.

**Review of Papers:**

- See attached spreadsheet
- Paper count is:

Level	2008	2009
A	6	2
B	10	3
C	6	1
D	1	0
E	0	0
Tutorial 2		1

**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)):

- 9/15/07 Author Data Sheets to Program Chair
- 10/22/07 Interim Meeting. Rough drafts available for reviewers.  
Author kits to authors (sent by sponsors)
- 11/8/07 Reviews of rough Drafts due.
- 12/19/07 Final drafts to the reviewers (sent by sponsors)
- 12/20/07 Final drafts to reviewers (sent by sponsors)
- 1/24/08 Review of final drafts due.  
Copyright transfer form, Author's Data & Release forms sent to Program Chair.
- 3/6/08 Final manuscript sent to Program Chair.
- 3/20/08 Manuscripts sent to printer.
- 4/17/08 Acknowledgment and schedule sent to authors.
- 6/5/08 Bound copies of record sent to Conference Chair.
- 6/2x/08 2008 IEEE Conference Seattle, WA

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**

Number	Year	A	B	C	D	E	Paper	Panel	Tutorial	Title
2003-09	2008		1				1			Implementation Issues in Electronic Line shafting Control
2003-14	2008	1					1			Paper Machine Dryer Section Tuning
2004-25	2009		1				1			Impact of Medium Voltage Drives on Design and Insulation of MV Motors
2005-12	2008	1							1	Proper Selection, Installation and Maintenance of Tachometers Encoders
2005-13	2008		1				1			On-machine Diagnostics of Machine Variables using FFT Analysis
2005-14	2008		1				1			A Comparison of Embedded vs. Separate Control for Drives
2005-15	2008				1		1			Update on IEEE 841 Spec
2005-16	2009			1			1			Considerations for Motor Repair Specifications
2006-01	2008	1					1			Dynamic online sensing of sheet modulus of elasticity
2006-03	2008		1				1			Modeling and evaluation of dryer sections of paper machines driven by gear trains
2006-04	2008		1				1			Turbine Downgrade Project
2006-06	2008			1			1			Modeling the Common Mode Noise on Low Voltage Drive and Motor System
2006-08	2008			1			1			Field Report on toroidal bearing successes
2006-09	2009	1					1			Effect of the Load on the expected savings from a premium efficiency
2006-11	2008	1					1			Modeling and Simulation of a large Chipper Drive
2006-13	2009		1				1			Effects on Paper Mill Distribution Systems as Linear Loads are converted to Non-Linear Loads over time

**APPENDIX E**

**DCS SUBCOMMITTEE**

Number	Year	A	B	C	D	E	Paper	Panel	Tutorial	Title
2006-16	2009		1					1		Control Communication Network Architecture
2006-19	2008			1			1			Effect of Ground Faults on Common DC Bus Drive Systems
2006-20	2008	1					1			Bearing Currents in Inverter-fed AC Motors
2007-1	2008		1				1			Permanent Magnet Motors for Energy Savings and Power Density in Industrial Applications
2007-2	2008			1			1			Effectiveness of Grounding Brushes
2007-3	2008	1					1			Infrared Inspection in the Forest Products Industry
2007-4	2008		1				1			Case Study for Special Application Motors in the Forest Products Industry
2007-5	2008		1				1			Solid state versus electro-mechanical relays on MV motors
2007-6	2008		1				1			Physical Stresses in Deep bars during the starting of induction motors
2007-7	2008			1			1			Review of upcoming changes to US motor efficiency regulations
2007-8	2009	1							1	TAPPI/IEEE Drives Short Course
2007-9	2008			1					1	Economic Justification of Projects

**APPENDIX F - MEMBERSHIP REPORT**

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

TIMOTHY R ALBERS [Tim]  
IEEE Senior Member #40354971  
PPIC Member Since 6/00  
Subcommittee DCS

Office: 314-553-1947  
Fax: 314-553-1097  
Home 636-922-1539  
E Mail: tim.albers@emotors.com

US ELECTRIC MOTORS  
8050 W FLORISSANT AVENUE

ST LOUIS, MO 63136

R KEITH ALLEN [Keith]  
IEEE Member #08316143  
PPIC Member Since 9/06  
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]  
INC  
IEEE Senior Member #4876215  
PPIC Member Since 7/95  
Subcommittee EMMC

Office: 843-371-0700  
Fax: 843-216-9726  
Home 843-884-3402  
E Mail: rdbanks@ieee.org

INSTRUMENTATION DESIGN SYSTEMS

4032 COL VANDERHORST CIRCLE

MOUNT PLEASANT, SC 29466

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

DALE A BASSO [Dale]  
IEEE Member #80590066  
PPIC Member Since 8/07  
Subcommittee EMMC

Office: 864-284-5576  
Fax: 864-284-5510  
Home 864-254-0079  
E Mail: dabasso@baldor.com

BALDOR DODGE RELIANCE  
6040 PONDER'S COURT

GREENVILLE, SC 29615

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

J M BENTLEY [John]  
IEEE Life Fellow Member #364101  
PPIC Member Since 5/84  
Subcommittee DCS

Office: 715-543-8239  
Fax: 715-543-8239  
Home 715-543-8239  
E Mail: jmbentley@centurytel.net

DRIVES CONSULTANT  
6239 CLEARVIEW DR

MANITOWISH WATERS, WI 54545

THOMAS M BLOOMING [Tom]  
IEEE Senior Member #00692053  
PPIC Member Since 10/05  
Subcommittee PDS

Office: 678-309-4217  
Fax: -  
Home 678-309-5771  
E Mail: t.blooming@ieee.org

EATON CORPORATION  
7000 HIGHLANDS PARKWAY SE

SMYRNA, GA 30082

KEVIN S BORTHWICK [Kevin]  
IEEE Senior Member #02024347  
PPIC Member Since 10/05  
Subcommittee DCS

Office: 604-270-7728  
Fax: 604-270-6252  
Home 604-948-0415  
E Mail: kborthwick@fransen-eng.com

FRANSEN ENGINEERING  
210-3031 VIKING WAY

RICHMOND, BC V6V 1W1

## APPENDIX F

## MEMBERSHIP REPORT

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

ROB B BOTELER [Rob] IEEE Senior Member #85008877 PPIC Member Since 10/04 Subcommittee DCS	Office: 314-553-1179 Fax: 314-553-1097 Home 636-447-3692 E Mail: rob.boteler@emotors.com	EMERSON MOTOR COMPANY 8100 WEST FLORISSANT AVE  ST LOUIS, MO 63136
TERRY G BRANCH [TERRY] IEEE Senior Member #06283980 PPIC Member Since 8/02 Subcommittee PDS	Office: 807-223-9477 Fax: 807-223-9211 Home 905-844-8338 E Mail:	WEYERHAEUSER COMPANY 1 DUKE ST  DRYDEN, ON P8N 2Z7
KENNETH P BUTLER [KEN] IEEE Member #40099464 PPIC Member Since 3/98 Subcommittee DCS	Office: 513-603-6506 Fax: 513-942-9085 Home 513-231-7621 E Mail:	ROCKWELL AUTOMATION 9355 ALLEN RD  WEST CHESTER, OH 45069
RICHARD D BUTLER [Rich] IEEE Senior Member #00603720 PPIC Member Since 6/00 Subcommittee DCS	Office: 904-296-6229 Fax: 904-296-4808 Home 904-728-8388 E Mail: rdbutler@ra.rockwell.com	ROCKWELL AUTOMATION 4190 BELFORT RD SUITE 180 JACKSONVILLE, FL 32216
CHARLES L CANTY [Charlie] IEEE Life Senior Member #7132756 PPIC Member Since 5/85 Subcommittee DCS	Office: 770-480-6251 Fax: 770-889-2045 Home 770-889-2045 E Mail: clcanty@ieee.org	GLOBAL ENGINEERING CO 9135 CLEARWATER ROAD  GAINESVILLE, GA 30506
LAURIE K CIHLAR [Laurie] IEEE Senior Member #8676322 PPIC Member Since 7/93 Subcommittee EMMC	Office: 843-740-2199 Fax: 843-740-2199 Home 843-763-5168 E Mail: lkc1@meadwestvaco.com	MEAD WESTVACO CORP  P O BOX 118005 NORTH CHARLESTON, SC 29423 8005
GEOFFREY F CLARK [Geoff] IEEE Member #40102487 PPIC Member Since 9/06 Subcommittee PDS	Office: 205-972-6430 Fax: 205-972-6303 Home 205-678-4689 E Mail: clarkg@bek.com	BE&K ENGINEERING 2000 INTERNATIONAL PARK DRIVE  BIRMINGHAM, AL 35243
ROY E COSSE JR [Roy] IEEE Senior Member #05536073 PPIC Member Since 10/02 Subcommittee PDS	Office: 713-948-4019 Fax: 713-948-4569 Home 281-373-1465 E Mail: rcosse@sbcglobal.net	POWELL ELECTRIC SYSTEMS INC 12301 KURLAND BLGD B HOUSTON, TX 77034
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
TIMOTHY M CRNKO [Tim] IEEE Member #40354249 PPIC Member Since 6/00 Subcommittee TSSC	Office: 636-527-1384 Fax: 636-207-3649 Home 314-966-6505 E Mail: tcrnko@copperbusmann.com	COOPER BUSSMANN PO BOX 14460  ST LOUIS, MO 63178 4460
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

## APPENDIX F

## MEMBERSHIP REPORT

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

RADU S CURIAC [Radu] IEEE Member #41387667 PPIC Member Since 8/07 Subcommittee DCS	Office: 513-841-3105 Fax: 513-841-3290 Home 859-803-3745 E Mail: radu.curiac@siemens.com	SIEMENS ENERGY AND AUTOMATION 4620 FOREST AVENUE NORWOOD, OH 45212
NORMAN L DANZ [Norm] IEEE Senior Member #80458668 PPIC Member Since 9/06 Subcommittee TSSC	Office: - Fax: - Home - E Mail: nld3@meadwestvaco.com	MEAD WESTVACO  , AL
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
GREG W DREWISKE [Greg] IEEE Senior Member #00208579 PPIC Member Since 10/05 Subcommittee DCS	Office: 715-422-3449 Fax: 715-422-4183 Home 715-424-0180 E Mail: greg.drewiske@storaenso.com	STORA ENSO WISCONSIN RAPIDS MILL 310 3RD AVE NORTH WISCONSIN RAPIDS, WI 54495
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
DAVID B DUROCHER [DAVE] IEEE Senior Member #40236081 PPIC Member Since 1/98 Subcommittee EMMC	Office: 503-582-2714 Fax: 503-582-2814 Home 503-657-8019 E Mail: davidbdurocher@eaton.com	EATON ELECTRICAL 26850 SW KINSMAN RD WILSONVILLE, OR 97070
RICHARD DYKSTRA [Richard] IEEE Senior Member #01721307 PPIC Member Since 10/01 Subcommittee DCS	Office: 519-740-4100 x1514 Fax: 519-740-5510 Home 519-742-8279 E Mail: rdykstra@ra.rockwell.com	ROCKWELL AUTOMATION 12 RAGLIN PLACE CAMBRIDGE, ON N1R 7J2
STEVEN L DYRNES [Stephen] IEEE Life Senior Member #3688124 PPIC Member Since 9/83 Subcommittee PDS	Office: 503-781-5753 Fax: 246-0577 Home 503-377-6999 E Mail: sdyrnes@aol.com	DYRNES ENGINEERS 9320 SW BARBUR BLVD SUITE 230 PORTLAND, OR 97219
BRENDA L ETZEL [Brenda] SYSTEMS IEEE Senior Member #80446613 PPIC Member Since 9/06 Subcommittee PDS	Office: 619-692-6521 Fax: - Home 760-745-3613 E Mail: brendaletzel@eaton.com	EATON ELECTRICAL SERVICES & 2727 KURTZ ST SAN DIEGO, CA 92110
STEVE T EVON [Steve] IEEE Senior Member #40316000 PPIC Member Since 6/03 Subcommittee DCS	Office: 864-284-5657 Fax: 864-281-2196 Home 864-306-3057 E Mail: stevon@powersystems.rockwell.com	ROCKWELL AUTOMATION 6040 PONDER'S COURT GREENVILLE, SC 29615
PETER F FAMIGHETTI [Pete] IEEE Senior Member #7449390 PPIC Member Since 11/87 Subcommittee DCS	Office: 602-510-7376 Fax: 860-298-7118 Home - E Mail: pete.famighetti@ieee.org	ABB 4699 E BLUE SPRUCE LANE GILBERT, AZ 85298

## APPENDIX F

## MEMBERSHIP REPORT

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

MICHAEL J FELDKIRCHNER [Michael] PAPER MARLBORO MILL IEEE Senior Member #40045753 PPIC Member Since 10/05 Subcommittee DCS	Fax: 843-479-6603 Home 843-383-2959 E Mail: michael.feldkirchner2@n.domtar.com	Office: 843-479-0200 x 456 DOMTAR P O BOX 678 BENNETTSVILLE, SC 29512
RICHARD L FIELD [Richard] IEEE Senior Member #08299133 PPIC Member Since 8/07 Subcommittee PDS	Office: 859-283-0778 Fax: 859-282-2904 Home 859-647-7154 E Mail: richard.field@postglover.com	POST GLOVER RESISTORS INC  ERLANGER, KY 41018
H LANDIS FLOYD II [LANNY] IEEE Fellow Member #06536767 PPIC Member Since 8/02 Subcommittee TSSC	Office: 302-695-0146 Fax: 302-695-0734 Home - E Mail: h.l.floyd@ieee.org	DUPONT ENGINEERING 101 BEECH ST  WILMINGTON, DE 19880
RUSSELL T FORD [Russ] IEEE Member #41319490 PPIC Member Since 6/00 Subcommittee DCS	Office: 678-309-4214 Fax: 678-842-5811 Home 770-664-6618 E Mail: russellford@eaton.com	EATON CORPORATION 7000 HIGHLANDS PARKWAY SE SUITE 101 SMYRNA, GA 30082
ROBERT J FRITZ [Bob] IEEE Senior Member #7591225 PPIC Member Since 6/78 Subcommittee DCS	Office: 216-642-1230 Fax: 216-750-5000 Home 440-838-1083 E Mail: rfritz@avtron.com	AVTRON MFG INC 7900 E PLEASANT VALLEY ROAD  INDEPENDENCE, OH 44131
B L GRAVES [Bruce] IEEE Senior Member #5688924 PPIC Member Since 6/84 Subcommittee PDS	Office: 864-627-9511 Fax: 864-627-9564 Home 864-967-4670 E Mail: bruce.graves@ieee.org	WORLD WIDE TECHNOLOGIES INC 132A PILGRIM ROAD  GREENVILLE, SC 29607
DONALD J GREY [Don] IEEE Member #00471045 PPIC Member Since 7/04 Subcommittee DCS	Office: 262-785-3417 Fax: 262-785-0417 Home 262-375-1886 E Mail: djgrey@ieee.org	ABB INC 16250 W GLENDALE DRIVE  NEW BERLIN, WI 53151
CHARLES J HARDY [Charlie] GROUP IEEE Member #40346480 PPIC Member Since 6/03 Subcommittee PDS	Office: 615-507-2185  Fax: 615-507-2188 Home 615-595-2336 E Mail: charha@selinc.com	SEL INC INDUSTRIAL SOLUTIONS  130 SEABOARD LANE UNIT 7 FRANKLIN, TN 37067
JAMES H HARRIS [JIM] IEEE Member #06795546 PPIC Member Since 6/99 Subcommittee TSSC	Office: 704-321-5430 Fax: 704-321-5464 Home 704-321-5430 E Mail: jharris@generalcable.com	GENERAL CABLE CORP PO BOX 21116  CHARLOTTE, NC 28277
WARREN A HENSON [Gus] INC IEEE Senior Member #05789623 PPIC Member Since 6/99 Subcommittee PDS	Office: 205-354-5327  Fax: 205-985-2488 Home 205-985-0465 E Mail: gushenson@bellsouth.net	SIEMENS ENERGY AND AUTOMATION  285 A CAHABA VALLEY PKWY NO  PELHAM, AL 35124
FREDERICK L HOADLEY [Rick] IEEE Member #04242889 PPIC Member Since 8/07 Subcommittee DCS	Office: 262-512-8230 Fax: 262-512-8665 Home 262-242-0343 E Mail: rloadley@ra.rockwell.com	ROCKWELL AUTOMATION 6400 W ENTERPRISE DRIVE P O BOX 760 MEQUON, WI 53092

## APPENDIX F

## MEMBERSHIP REPORT

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

ANTONY J HOLLIDAY [Tony] IEEE Associate Member #80396466 PPIC Member Since 6/07 Subcommittee DCS	Office: +44-(0)1642 497000 Fax: +44-(0)1642 497111 Home - E Mail: tony.holliday@hawk-ir.com	HAWK IR INTERNATIONAL INC 117 HIGH ST  CLEVELAND, TS11 6JX
JOHN R HOLMQUIST [John] IEEE Life Fellow Member #3537677 PPIC Member Since 9/86 Subcommittee DCS	Office: - Fax: - Home 253-927-3623 E Mail: john.holmquist@comcast.net	WEYERHAEUSER COMPANY RETIRED 32229 24TH AVE SW  FEDERAL WAY, WA 98023
DARREN HONAKER [Darren] IEEE Senior Member #979112 PPIC Member Since 1/06 Subcommittee DCS	Office: 540-387-8736 Fax: 540-387-8072 Home 540-863-8067 E Mail: darren.honaker@ieee.org	TMEIC GE 2060 COOK DRIVE  SALEM, VA 24153
WARREN S HOPPER [Warren] IEEE Senior Member #7972771 PPIC Member Since 6/00 Subcommittee DCS	Office: 541-741-5629 Fax: 541-741-5240 Home 541-895-3140 E Mail: warrenhopper@ieee.org	WEYERHAEUSER COMPANY PO BOX 275  SPRINGFIELD, OR 97477
TIMOTHY A HOY [Tim] IEEE Associate Member #11299301 PPIC Member Since 6/02 Subcommittee EMMC	Office: 250-564-3381 Fax: 250-562-6514 Home 250-964-1468 E Mail: thoy@udl.com	UNIVERSAL DYNAMICS LTD 215-556 NORTH NECHAKO RD  PRINCE GEORGE, BC V2K 1A1
RICHARD K HUNT [Rich] IEEE Member #40237447 PPIC Member Since 6/07 Subcommittee PDS	Office: 919-367-7608 Fax: 919-882-9962 Home 919-303-2463 E Mail: richard.hunt@ge.com	GENERAL ELECTRIC MULTILIN 903 HADDON HALL DRIVE  APEX, NC 27502
M JUBIN JACKSON [Jubin] IEEE Member #07677743 PPIC Member Since 7/04 Subcommittee DCS	Office: 803-981-8357 Fax: 803-329-3838 Home 803-285-5697 E Mail: jacksonmj@bowater.com	BOWATER INC CATAWBA OPERATIONS 5300 CURETON FERRY RD  CATAWBA, SC 29704
PRESTON L JACKSON [PJ] IEEE Life Senior Member #5294731 PPIC Member Since 4/85 Subcommittee DCS	Office: 205-988-0248 Fax: 205-989-5302 Home 205-988-0248 E Mail: p.jackson@ieee.org	PRESTON JACKSON 352 VALLEY VIEW LANE  INDIAN SPRINGS, AL 35124
R R JOHNSON [Rory] IEEE Senior Member #7822489 PPIC Member Since 9/83 Subcommittee EMMC	Office: 253-924-6106 Fax: 253-924-6592 Home 253-529-4103 E Mail: rory.johnson@weyerhaeuser.com	WEYERHAEUSER COMPANY P O BOX 9777  FEDERAL WAY, WA 98063 9777
WALTER V JONES [Walt] IEEE Senior Member #5206859 PPIC Member Since 9/79 Subcommittee DCS	Office: 540-387-8315 Fax: 540-387-8072 Home 540-591-5227 E Mail: walter.jones@tmeic-ge.com	TM GE AUTOMATION SYSTEMS LLC 1501 ROANOKE BLVD  SALEM, VA 24153
ROBERT S JORDAN [Bob] IEEE Senior Member #05900741 PPIC Member Since 1/96 Subcommittee TSSC	Office: - Fax: - Home 704-543-7040 E Mail: the_kilowatt_kid@ieee.org	,

## APPENDIX F

## MEMBERSHIP REPORT

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

BURTON M JUDSON JR [Burt] IEEE Senior Member #3895372 PPIC Member Since 10/65 Subcommittee EMMC	Office: 440-646-7242 Fax: 440-646-7352 Home 440-946-3668 E Mail: bmjudsonjr@ra.rockwell.com	ROCKWELL AUTOMATION 1 ALLEN BRADLEY DR  MAYFIELD HEIGHTS, OH 44124
JAHAN KARGAR [Jahan] IEEE Member # PPIC Member Since 8/07 Subcommittee EMMC	Office: 416-620-5600 Fax: - Home - E Mail: jkargar@irispower.com	IRIS POWER LP 1 WESTSIDE DRIVE  TORONTO, ON M9C 1B2
JOHN A KAY [John] IEEE Senior Member #04383360 PPIC Member Since 6/95 Subcommittee DCS	Office: 519-740-4734 Fax: 519-740-9871 Home 519-578-4836 E Mail: jakay@ra.rockwell.com	ROCKWELL AUTOMATION 135 DUNDAS STREET  CAMBRIDGE, ON NIR 5X1
RICHARD D KIRBY [Richard] LABORATORIES IEEE Senior Member #00821686 PPIC Member Since 12/05 Subcommittee PDS	Office: 281-335-0201  Fax: 281-335-0217 Home 281-648-2859 E Mail: rdkirby@ieee.com	SCHWEITZER ENGINEERING  110 NASA PARKWAY SUITE 405 HOUSTON, TX 77058
DANIEL B KOBIDA [Daniel] IEEE Member #80369413 PPIC Member Since 8/07 Subcommittee PDS	Office: 859-372-9858 Fax: - Home 859-803-7338 E Mail: dan.kobida@postglover.com	POST GLOVER RESISTORS 4750 OLYMPIC BLVD  ERLANGER, KY 41018
STAN KOMANDER [Stan] IEEE Senior Member #80430406 PPIC Member Since 9/06 Subcommittee DCS	Office: 479-648-5702 Fax: 479-649-5130 Home 479-285-1116 E Mail: skomander@baldor.com	BALDOR ELECTRIC 5711 R S BOREHAM JR ST  FORT SMITH, AR 72902
MIKE R KOZLOWSKI [Mike] IEEE Senior Member #80100999 PPIC Member Since 6/05 Subcommittee DCS	Office: 864-284-5479 Fax: 864-284-5422 Home 864-963-4232 E Mail: mrkozowski@baldor.com	BALDOR ELECTRIC 6040 PONDER'S COURT  GREENVILLE, SC 29615
ROGER G LAWRENCE [Roger] IEEE Senior Member #7545241 PPIC Member Since 8/07 Subcommittee DCS	Office: 919-515-6682 Fax: 919-460-0936 Home 919-460-9974 E Mail: rogerlawrence@rglsolutions.com	RGL SOLUTIONS 920 MAIN CAMPUS DRIVE SUITE 101 RALEIGH, NC 27606
TODD T LEGETTE [Todd] IEEE Senior Member #41478863 PPIC Member Since 9/06 Subcommittee PDS	Office: 513-248-6180 Fax: 513-248-6683 Home 513-575-0947 E Mail: todd.legette@ipaper.com	INTERNATIONAL PAPER CORPORATE TECHNOLOGY 6285 TRI RIDGE BLVD LOVELAND, OH 45140
JOHN S LEVINE [John] IEEE Senior Member #8838385 PPIC Member Since 5/92 Subcommittee PDS	Office: 770-565-1556 Fax: 770-973-9264 Home 770-956-0024 E Mail: john@L-3.com	LEVINE ELECTRONICS & ELECTRIC INC 200 POWERS FERRY ROAD  MARIETTA, GA 30067
PATRICK J LINK [Pat] INC IEEE Senior Member #7042559 PPIC Member Since 6/93 Subcommittee DCS	Office: 706-883-6996  Fax: 706-883-6997 Home 706-883-7440 E Mail: plink@asdsinc.com	ADJUSTABLE SPEED DRIVE SERVICES  215 RIVER OAKS DRIVE  LAGRANGE, GA 30240



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

KEVIN J LIPPERT [Kevin]  
 IEEE Senior Member #41400356  
 PPIC Member Since 7/04  
 Subcommittee TSSC

Office: 412-787-6459  
 Fax: 412-494-3780  
 Home -  
 E Mail: kevinjlippert@eaton.com

EATON ELECTRICAL  
 170 INDUSTRY DR  
 RIDC PARK WEST  
 PITTSBURG, PA 15275

BLAKE A LLOYD [Blake]  
 IEEE Senior Member #2278919  
 PPIC Member Since 2/94  
 Subcommittee EMMC

Office: 416-620-5600 x222  
 Fax: 416-620-1995  
 Home 905-625-4431  
 E Mail: blloyd@irispower.com

IRIS POWER LP  
 1 WESTSIDE DRIVE  
 UNIT 2  
 TORONTO, ON M9C 1B2

ANTHONY S LOCKER [Tony]  
 IEEE Senior Member #40053499  
 PPIC Member Since 7/04  
 Subcommittee PDS

Office: 513-404-2222  
 Fax: 877-847-0500  
 Home -  
 E Mail: aslocker@ieee.org

I-GARD  
 7721 FIVE MILE RD  
 SUITE 491  
 CINCINNATI, OH 45230

ROBERT D LORENZ [Bob]  
 IEEE Fellow Member #04992913  
 PPIC Member Since 6/00  
 Subcommittee DCS

Office: 608-262-5343  
 Fax: 608-262-5559  
 Home 608-273-3271  
 E Mail: r.d.lorenz@ieee.org

UNIVERSITY OF WISCONSIN MADISON  
 1415 ENGINEERING DRIVE  
 MADISON, WI 53706

JEFFERY L LOVELACE [Jeff]  
 IEEE Senior Member #80239493  
 PPIC Member Since 10/05  
 Subcommittee DCS

Office: 479-649-5247  
 Fax: 479-648-5792  
 Home 479-648-1594  
 E Mail: jlovelace@baldor.com

BALDOR ELECTRIC  
 P O BOX 2400  
 5711 R S BAREHAM JR STREET  
 FORT SMITH, AR 72901

J ALAN LOWE [Alan]  
 IEEE Senior Member #5796792  
 PPIC Member Since 12/86  
 Subcommittee DCS

Office: 770-688-2575  
 Fax: 770-688-2501  
 Home 770-921-4377  
 E Mail: alan.lowe@ieee.org

AMEC  
 1979 LAKESIDE PARKWAY  
 SUITE 500  
 TUCKER, GA 30084

JAMES E LYLES [Jamie]  
 IEEE Senior Member #07351612  
 PPIC Member Since 6/98  
 Subcommittee PDS

Office: 828-651-0803  
 Fax: 800-647-9112  
 Home 828-628-9974  
 E Mail:

CUTLER-HAMMER INC  
 175 VISTA BLVD  
 ARDEN, NC 28738

PATRICK J MALIE [Pat]  
 IEEE Senior Member #61290912  
 PPIC Member Since 9/06  
 Subcommittee TSSC

Office: 937-495-5347  
 Fax: -  
 Home 937-428-9871  
 E Mail: pjm@ieee.org

MEAD WESTVACO CORPORATION  
 8465 GARNET DRIVE  
 CENTERVILLE, OH 45458

JOHN E MALINOWSKI [John]  
 IEEE Senior Member #41257491  
 PPIC Member Since 10/01  
 Subcommittee DCS

Office: 479-648-5909  
 Fax: 479-648-5872  
 Home 479-484-7898  
 E Mail: jmalinowski@ieee.org

BALDOR ELECTRIC CO  
 PO BOX 2400  
 FORT SMITH, AR 72902

GEORGE R MATTO [George]  
 IEEE Senior Member #6644249  
 PPIC Member Since 12/80  
 Subcommittee EMMC

Office: 503-598-0598  
 Fax: 503-620-7447  
 Home 503-807-5101  
 E Mail: matto@okonite.com

THE OKONITE COMPANY  
 SUITE 150  
 6777 SW BONITA ROAD  
 PORTLAND, OR 97224

CHAD MCLELLAND [Chad]  
 IEEE Applicant #  
 PPIC Member Since 8/07  
 Subcommittee DCS

Office: 513-379-7432  
 Fax: -  
 Home 513-583-1872  
 E Mail: chad.mclelland@siemens.com

SIEMENS ENERGY & AUTOMATION  
 4620 FOREST AVE  
 NORWOOD, OH 45212

## APPENDIX F

## MEMBERSHIP REPORT

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

RONALD O MEIHOFFER [Ron] IEEE Life Senior Member #3809662 PPIC Member Since 5/66 Subcommittee DCS	Office: 770-992-4855 Fax: - Home 770-992-4855 E Mail: r.meihofer@yahoo.com	EUROTHERM DRIVES INC RETIRED 912 BARRINGTON OAKS RIDGE ROSWELL, GA 30075
LAWRENCE A MENCHE [Larry] IEEE Member #1917806 PPIC Member Since 4/94 Subcommittee EMMC	Office: 270-927-7406 Fax: 270-927-8734 Home 270-281-4858 E Mail: larry.menche@n.domtar.com	DOMTAR PAPER COMPANY LLC 58 WESCOR RD HAWESVILLE, KY 42348
STANLEY Y MERRITT [Stan] IEEE Life Senior Member #3592797 PPIC Member Since 6/78 Subcommittee PDS	Office: 540-587-8976 Fax: 540-586-1837 Home 540-587-8976 E Mail: staarlen@aol.com	MERRITT AND ASSOCIATES INC 1105 HAMPTON RIDGE BEDFORD, VA 24523
DAVID M MINTZLAFF [Dave] IEEE Senior Member #958229 PPIC Member Since 3/96 Subcommittee DCS	Office: 360-225-8267 x463 Fax: - Home 503-656-2212 E Mail:	USNR 558 ROBINSON ROAD PO BOX 310 WOODLAND, WA 98674
DALEEP C MOHLA [Daleep] SERVICES IEEE Fellow Member #06511885 PPIC Member Since 10/05 Subcommittee DCS	Office: 832-567-7102 Fax: 281-261-7081 Home 281-261-7081 E Mail: d.c.mohla@ieee.org	DCM ELECTRICAL CONSULTING 4702 SUMMER LAKES MISSOURI CITY, TX 77459
ROBERT M MONTGOMERY [Robert] IEEE Senior Member #01849538 PPIC Member Since 6/99 Subcommittee EMMC	Office: 843-745-3802 Fax: 843-745-3829 Home 843-572-3225 E Mail: rmm14@meadwestvaco.com	MEAD WESTVACO CORP 5600 VIRGINIA AVE PO BOX 118005 CHARLESTON, SC 29423 8005
DOUGLAS C MOODY [Doug] IEEE Senior Member #6296263 PPIC Member Since 6/00 Subcommittee PDS	Office: 301-359-3311 Fax: 301-359-2068 Home 301-729-5193 E Mail: dcm9@newpagecorp.com	NEW PAGE PAPER 300 PRATT STREET LUKE, MD 21540
CHARLES J MOZINA [Chuck] IEEE Member #02630234 PPIC Member Since 7/04 Subcommittee PDS	Office: 727-365-7858 Fax: 727-365-7858 Home 727-365-7858 E Mail: cmozina@aol.com	BECKWITH ELECTRIC 6190-118TH AVE N LARGO, FL 33773 3724
DENNIS K NEITZEL [Dennis] IEEE Senior Member #03026010 PPIC Member Since 7/04 Subcommittee TSSC	Office: 214-331-7315 Fax: 214-331-7363 Home 972-775-2620 E Mail: dennis.neitzel@avotraining.com	AVO TRAINING INSTITUTE INC 4271 BRONZE WAY DALLAS, TX 75237
FELIX J NEPVEUX [Felix] IEEE Senior Member #41482395 PPIC Member Since 7/04 Subcommittee PDS	Office: 864-676-6303 Fax: 864-676-4789 Home 864-297-0737 E Mail: felix.nepveux@jacobs.com	JACOBS ENGINEERING 1041 E BUTLER RD GREENVILLE, SC 29606
VERNON A NEWBILL [Vernon] IEEE Senior Member #05623178 PPIC Member Since 8/96 Subcommittee PDS	Office: 251-639-7314 Fax: 251-639-7314 Home 251-639-9088 E Mail: newbillv@bek.com	INTERNATIONAL PAPER 1622 STONE HEDGE DR WEST MOBILE, AL 36695

## APPENDIX F

## MEMBERSHIP REPORT

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

F P NEWMAN [Frank] IEEE Senior Member #5943063 PPIC Member Since 6/71 Subcommittee EMMC	Office: 478-277-5352 Fax: 478-275-6301 Home 478-275-1438 E Mail: frank.newman@spnewsprint.com	SP NEWSPRINT CO 709 PAPERMILL ROAD  DUBLIN, GA 31027
C JERRY NUERNBERGER [Jerry] IEEE Senior Member #85030103 PPIC Member Since 8/07 Subcommittee EMMC	Office: 425-644-6225 Fax: 425-401-2260 Home 425-466-9215 E Mail: jerrynuernberger@eaton.com	EATON 13205 SE 30TH STREET  BELLEVUE, WA 98005
LARRY R OLSEN [Larry] IEEE Associate Member #85030083 PPIC Member Since 9/06 Subcommittee DCS	Office: 920-969-2190 Fax: 920-729-4484 Home 920-739-8486 E Mail: lolsen@ieee.org	WERNER ELECTRIC SUPPLY COMPANY 2341 INDUSTRIAL DRIVE P O BOX 668 NEENAH, WI 54956
ROBERT W OLSSON [Bob] IEEE Senior Member #40290089 PPIC Member Since 6/99 Subcommittee DCS	Office: 440-338-1865 Fax: 440-338-7143 Home 440-338-7143 E Mail: bolsson@irispower.com	IRIS POWER ENGINEERING 145 LAKEVIEW LANE  SOUTH RUSSELL, OH 44022
GAIL W PALMER [Bud] IEEE Senior Member #8421265 PPIC Member Since 12/87 Subcommittee PDS	Office: 919-770-2116 Fax: - Home 919-499-2967 E Mail: budinc2002@yahoo.com	BUD PALMER INC / QUAL TECH ENG 166 WOOD WEDGE WAY  SANFORD, NC 27332
CRAIG M PINTO [CRAIG] IEEE Senior Member #41464658 PPIC Member Since 8/02 Subcommittee DCS	Office: 912-236-8001 Fax: 770-740-3578 Home 912-236-6409 E Mail: craig.pinto@siemens.com	SIEMENS ENERGY & AUTOMATION 105 WEDGEFIELD CROSSING  SAVANNAH, GA 31405
WILLIAM A POLLEY [Bill] IEEE Senior Member #07938152 PPIC Member Since 6/79 Subcommittee EMMC	Office: - Fax: - Home 920-729-0235 E Mail: wapolley@ieee.org	1021 E SHADY LANE  NEENAH, WI 54956
DAVID C RAINS [David] IEEE Member #01243013 PPIC Member Since 8/07 Subcommittee DCS	Office: 281-799-0700 Fax: 832-550-2910 Home - E Mail: dcrains@weg.net	WEG 3219 STEPHENS CREEK LANE  SUGAR LAND, TX 77478
W EDWARD REID [Ed] IEEE Member #06513980 PPIC Member Since 10/05 Subcommittee PDS	Office: 724-873-9275 Fax: 724-873-8910 Home 724-945-6704 E Mail: edreid@qualtecheng.com	QUAL TECH ENGINEERS INC 201 S JOHNSON ROAD SUITE 203 HOUSTON, PA 15342
DUNCAN J. RHODES [Duncan] INC IEEE Senior Member #02462950 PPIC Member Since 9/96 Subcommittee DCS	Office: 770-740-3267 Fax: 770-740-3794 Home 770-992-6765 E Mail: duncanrhodes@ieee.org	SIEMENS ENERGY AND AUTOMATION 100 TECHNOLOGY DRIVE  ALPHARETTA, GA 30005
ROLAND P ROBERGE [Roland] PRODUCTS IEEE Member #04256947 PPIC Member Since 8/07 Subcommittee EMMC	Office: 864-458-7700 x280 Fax: - Home 864-286-3227 E Mail: roly.roberge@morganplc.com	NATIONAL ELECTRICAL CARBON 257 FORRESTER DRIVE  GREENVILLE, SC 29681

## APPENDIX F

## MEMBERSHIP REPORT

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

DAVID T ROLLAY [Dave] DIVISION IEEE Senior Member #5480819 BRADLEY PPIC Member Since 4/82 Subcommittee DCS	Office: 414-382-2163 Fax: 414-382-3681 Home 414-529-2427 E Mail: dtrollay@ra.rockwell.com	PACKAGED CONTROL PRODUCTS ROCKWELL AUTOMATION/ALLEN- 1201 SOUTH 2ND ST MILWAUKEE, WI 53202
PAUL J ROUILLIER [Paul] IEEE Senior Member #6520928 PPIC Member Since 9/90 Subcommittee TSSC	Office: 205-991-4177 Fax: 205-991-4225 Home 205-425-4323 E Mail: paul.rouillier@tmeic-ge.com	TM GE AUTOMATION SYSTEMS LLC 31 INVERNESS CENTER PARKWAY SUITE 500 BIRMINGHAM, AL 35242
RICHARD C SCHAEFER [Richard] IEEE Senior Member #01440783 PPIC Member Since 6/98 Subcommittee PDS	Office: 618-654-2341 Fax: 618-654-2351 Home 618-539-5402 E Mail: richschaefer@basler.com	BASLER ELECTRIC BOX 269 RT 143 HIGHLAND, IL 62249
DELBERT E SEAVER [DEL] MANAGEMENT IEEE Senior Member #06391908 PPIC Member Since 8/95 Subcommittee DCS	Office: 940-384-9543 Fax: - Home 940-384-9542 E Mail: seaverde@aol.com	CONSULTING ENGINEERING 6088 MOSS ROSE LANE AUBREY, TX 76227
EDWARD R SEXTON [Ted] IEEE Member #0477406 PPIC Member Since 9/90 Subcommittee PDS	Office: 514-341-3221 Fax: 514-341-3278 Home 514-935-2874 E Mail: sextont@abgs.com	JAAKKO POYRY ABGS INC 5250 FERRIER ST SUITE 700 MONTREAL, PQ H4P 1L6
RALPH W SHEAD [Ralph] IEEE Associate Member #4507711 PPIC Member Since 6/84 Subcommittee TSSC	Office: 770-921-9159 Fax: 770-921-1791 Home - E Mail: ralpga@aol.com	DIVERSIFIED SUPPLY 128 STONEVIEW DR LILBURN, GA 30047
RONALD H SIMPSON [Ron] IEEE Senior Member #4756805 PPIC Member Since 2/85 Subcommittee PDS	Office: 770-662-7083 Fax: 770-447-7722 Home 770-614-6845 E Mail: ron.simpson@ge.com	GE COMPANY 20 TECHNOLOGY PARKWAY SOUTH SUITE 300 NORCROSS, GA 30092
GLENN A SMITH [Glenn] IEEE Senior Member #04606034 PPIC Member Since 6/00 Subcommittee PDS	Office: 318-556-1551 Fax: 318-556-1221 Home 318-387-6774 E Mail: glenn.smith@ipaper.com	INTERNATIONAL PAPER 705 COLLIERS LANE PO BOX 312 BASTROP, LA 71220
MARK A SPEARS [Mark] INC IEEE Member #08727992 PPIC Member Since 10/05 Subcommittee DCS	Office: 404-353-2227 Fax: 678-804-1839 Home 770-614-0891 E Mail: mark.spears@siemens.com	SIEMENS ENERGY AND AUTOMATION 100 TECHNOLOGY DRIVE ALPHARETTA, GA 30005
LARRY K THOMAS [Larry] IEEE Senior Member #2341568 PPIC Member Since 11/87 Subcommittee TSSC	Office: 541-484-2822 Fax: 541-484-7084 Home 541-484-2820 E Mail: larrythomas@ieee.org	L K THOMAS ENGINEERING INC 2820 CHUCKANUT EUGENE, OR 97408
JAMES R THRIFT [Russ] IEEE Senior Member #8842031 PPIC Member Since 5/88 Subcommittee EMMC	Office: 404-506-6879 Fax: 404-506-6881 Home 404-816-8261 E Mail: jrthrift@southernco.com	GEORGIA POWER CO BIN 10195 241 RALPH MCGILL BLVD ATLANTA, GA 30308 3374

## APPENDIX F

## MEMBERSHIP REPORT

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

MICHAEL G TRIBE [Mike]  
IEEE Senior Member #02047330  
PPIC Member Since 7/04  
Subcommittee EMMC

Office: 503-553-8610  
Fax: -  
Home 503-658-2635  
E Mail: mike.tribe@weyerhaeuser.com

WEYERHAEUSER COMPANY  
1300 SW 5TH AVE  
SUITE 500  
PORTLAND, OR 97201

STEVEN TRUSSELL [Steven]  
IEEE Senior Member #40324950  
PPIC Member Since 6/00  
Subcommittee EMMC

Office: 334-832-3519  
Fax: 334-832-3050  
Home 334-358-9749  
E Mail: strusse@southernco.com

ALABAMA POWER COMPANY  
200 DEXTER AVE  
PO BOX 160  
MONTGOMERY, AL 36101

RICHARD H TURNER [Richard]  
IEEE Senior Member #40354015  
PPIC Member Since 10/05  
Subcommittee PDS

Office: 425-644-6242  
Fax: 425-644-6220  
Home 425-271-3876  
E Mail: richardturner@eaton.com

EATON ELECTRICAL  
13205 SE 30TH STREET  
SUITE 101  
BELLEVUE, WA 98005 4415

MARCELO E VALDES [Marcelo]  
IEEE Senior Member #07073679  
PPIC Member Since 7/04  
Subcommittee PDS

Office: 860-747-7782  
Fax: 860-747-7797  
Home -  
E Mail: marcelo.valdes@ge.com

GE CONSUMER & INDUSTRIAL  
41 WOODFORD AVE  
PLAINVILLE, CT 06062

ANIBAL VALENZUELA [Anibal]  
IEEE Senior Member #40133961  
PPIC Member Since 8/99  
Subcommittee DCS

Office: 56-41-2203227  
Fax: 56-41-2246999  
Home 56-41-2285660  
E Mail: anivalenz@udec.cl

UNIVERSITY OF CONCEPCION  
DEPT OF ELECTRICAL ENGINEERING  
CASILLA 160-C CORREO 3  
CONCEPCION, CHILE

WILLIAM S VILCHECK [BILL]  
IEEE Senior Member #06359673  
PPIC Member Since 2/98  
Subcommittee PDS

Office: 724-779-5853  
Fax: 724-779-5869  
Home 724-228-9163  
E Mail: williamsvilcheck@eaton.com

EATON ELECTRICAL  
130 COMMONWEALTH DR  
WARRENDALE, PA 15086

HENRY G WACHTER [Hank]  
INC  
IEEE Senior Member #8865289  
PPIC Member Since 1/91  
Subcommittee DCS

Office: 770-453-3470  
Fax: -  
Home 770-622-4322  
E Mail: hank\_wachter@ieee.org

SIEMENS ENERGY AND AUTOMATION  
5405 METRIC PLACE  
SUITE 100  
NORCROSS, GA 30092

RICHARD D WATKINS [Rick]  
IEEE Senior Member #6686265  
PPIC Member Since 10/89  
Subcommittee EMMC

Office: 770-492-2660  
Fax: 770-493-0456  
Home 770-972-6957  
E Mail: rwatkins@dean-oliver.com

DEAN OLIVER INTERNATIONAL  
4600 NORTH ROYAL ATLANTA DRIVE  
TUCKER, GA 30084

ALLEN J WATSON JR [AJ]  
INC  
IEEE Senior Member #41242614  
PPIC Member Since 10/01  
Subcommittee EMMC

Office: 843-709-8323  
Fax: 843-569-7446  
Home 843-553-1095  
E Mail: awatt101@hotmail.com

INSTRUMENTATION DESIGN SYSTEMS  
101 SADDLEBACK CIRCLE  
GOOSE CREEK, SC 29445

MARK D WEAVER [Mark]  
IEEE Senior Member #6235592  
PPIC Member Since 1/85  
Subcommittee DCS

Office: 262-5128667  
Fax: 262-512-8227  
Home -  
E Mail: 3quarks@ieee.org

ROCKWELL AUTOMATION  
6400 N ENTERPRISE  
MEQUON, WI 53092

JON H WERKING [Jon]  
IEEE Member #80611642  
PPIC Member Since 8/07  
Subcommittee DCS

Office: 414-382-2213  
Fax: 414-382-3681  
Home 262-784-5958  
E Mail: jhwerking@ra.rockwell.com

ROCKWELL AUTOMATION LVMCC  
1201 S 2ND STREET  
MILWAUKEE, WI 53204

## APPENDIX F

## MEMBERSHIP REPORT

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

PETER H WERNER [Pete]  
IEEE Senior Member #5984190  
PPIC Member Since 2/94  
Subcommittee DCS

Office: 262-957-7931  
Fax: -  
Home 262-957-7931  
E Mail: phwerner@ieee.org

PH WERNER CONSULTING  
250 H STREET  
NO 426  
BLAINE, WA 98230

JAMES R WHITE [Jim]  
IEEE Member #04403077  
PPIC Member Since 8/07  
Subcommittee DCS

Office: 262-797-4901  
Fax: 262-797-4902  
Home 262-966-1917  
E Mail: jwhite19@wi.rr.com

TMEIC-GE  
400 N EXECUTIVE DRIVE  
SUITE 300  
BROOKFIELD, WI

WILLIAM D WILKENS [Bill]  
IEEE Senior Member #06358899  
PPIC Member Since 9/06  
Subcommittee DCS

Office: 224-521-8090  
Fax: 224-521-4090  
Home 847-265-0282  
E Mail: bill.wilkens@anixter.com

ANIXTER INC WIRE & CABLE GROUP  
2301 PATRIOT BLVD  
  
GLENVIEW, IL 60026

J C WILLIAMS [Jim]  
IEEE Senior Member #6930036  
PPIC Member Since 5/80  
Subcommittee TSSC

Office: 503-266-3991  
Fax: 503-266-9121  
Home 503-266-3991  
E Mail: jimw1@web-ster.com

J C WILLIAMS CONSULTING  
PO BOX 542  
  
CANBY, OR 97013

BRIAN W WINTER [Brian]  
IEEE Senior Member #80198298  
PPIC Member Since 6/05  
Subcommittee DCS

Office: 216-642-1230 x1375  
Fax: 216-642-6037  
Home 440-933-4442  
E Mail: bwinter@avtron.com

AVTRON MANUFACTURING INC  
7900 EAST PLEASANT VALLEY DRIVE  
  
INDEPENDENCE, OH 44131

ALEX Y WU [Alex]  
IEEE Senior Member #4158077  
PPIC Member Since 3/83  
Subcommittee PDS

Office: 770-475-3838 x 11  
Fax: 770-475-3232  
Home 770-399-6081  
E Mail: alexwu@ieee.org

GLOBAL ENGINEERING COMPANY  
P O BOX 88444  
  
ATLANTA, GA 30356

CARLOS J YEPEZ [Carlos]  
IEEE Member #07256423  
PPIC Member Since 7/04  
Subcommittee PDS

Office: 973-746-4600 x 212  
Fax: 937-746-5569  
Home 937-748-5317  
E Mail: yepez.cj@apecc.com

ASSOCIATED PROF ENG CONSULTANT  
MIDWAY BUSINESS PARK  
865 W CENTRAL AVE  
SPRINGBORO, OH 45066

MARK K ZAWADZKI [Mark]  
IEEE Senior Member #40238778  
PPIC Member Since 7/97  
Subcommittee DCS

Office: 513-248-6227  
Fax: 513-248-6683  
Home 513-576-0577  
E Mail: mark.zawadzki@ipaper.com

INT'L PAPER - MFG TECHNOLOGY CTR  
6285 TRI-RIDGE BLVD  
  
LOVELAND, OH 45140

**APPENDIX F**

**MEMBERSHIP REPORT**

	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	
Robert Adams	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	A/I	A/I	A/I	A/I	A/I
Tim Albers																		X/X	X/O	X/X	E/X	X/X	X/X	X/X	X/X	X/X
Keith Allen																		X/X	X/X	X/X	X/X	E/E	X/E	X/X	X/O	/X
Peter Baen							/X	O/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/E	O/E	E/X	X/E	O/E	X/E	X/E	O/E
Ronda Banks					X/E	O/X	X/X	O/X	E/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/X	X/E	X/E	X/E	O/X
Richard Barker																						X/O	O/E	X/O	X/O	E/O
Robert Beltz																		E/E	O/X	O/O	E/O	E/O	E/E	X/E	X/E	O/O
John Bentley			X/E	X/X	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/X	X/E
Tom Blooming																										O/O
Austin Bonnett								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	E/E	E/O	O/O	O/O	O/O	O/O
Kevin Borthwick																										O/E
Rob Boteler																						/X	X/E	X/X	X/X	X/X
Terry Branch					/E	X/X	X/O	X/O	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	X/E	E/E	O/O
Ken Butler																X/O	O/O	O/O	X/O	X/O	X/E	X/E	X/X	X/X	X/X	X/E
Rich Butler																		X/X	X/X	X/O	X/E	X/X	X/X	X/X	X/E	O/O
Charlie Canty				X/X	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/X	X/X	X/X	E/X	X/X
Laurie Cihlar											/X	X/X	X/X	X/X	O/X	O/X	E/E	E/X	X/E	E/X	X/X	X/X	X/X	X/E	X/E	O/X
Geoff Clark																										/X
Roy Cosse																						E/X	X/E	O/E	X/X	X/X
Ray Crane	E/O	X/E	X/E	X/E	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/X	X/E	E/E	X/E	X/E	O/E
Tim Crnko																		X/X	X/X	X/E	X/X	X/E	X/E	E/E	E/X	E/X
Ray Crow																										O/E
Norm Danz																										/X
Jay Das																										X/X
Greg Drewiske																										O/X
Rob Dufton																					/X	E/E	E/E	O/E	O/E	O/E
David Durocher																X/X	X/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/E	X/E
Stephen Dymes	/E	X/E	X/E	X/E	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/O	O/O
Brenda Etzel																										/O
Steve Evon																										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/E	X/X	X/E
Michael Feldkirchner																										X/E
																										O/O

APPENDIX F

MEMBERSHIP REPORT

Lanny Floyd																				X/O	O/O	X/E	O/O	O/O
Russ Ford																				X/O	X/E	X/E	X/X	X/X
Phil Fransen	X/	X/E	X/E	X/X	X/X	X/E	E/O	X/X	O/O	X/X	X/E	X/X	X/X	E/X	X/E	E/E	X/O	X/X	X/E	E/E	O/O	O/O	O/O	
Bob Fritz	X/X	X/X	X/X	X/X	X/X	X/X	X/X	E/X	X/O	E/E	X/O	O/E	O/O	E/O	E/O	E/O	X/O	X/E	X/E	O/E	X/E	X/E	O/E	
Terry Gallagher											X/X	X/X	X/E	X/O	X/E	X/E				X/E	X/E	X/E	X/E	
Cyndi Gates																					O/E	X/E	X/E	
Bruce Graves		X/X	E/X	X/X	X/X	X/X	E/E	X/X	E/O	E/E	X/O	O/X	X/X	E/E	O/X	X/X	X/X	X/X	X/X	X/E	E/E	O/O	O/O	
Bill Green																			X/E	O/E	O/E	X/O	O/O	
Don Grey																					X/X	X/X	X/E	
Jim Haferkorn																					X/O	E/E	O/O	
Charlie Hardy																					O/E	O/O	O/X	
James Harris																			X/O	O/E	E/X	O/E	E/E	
Warren Henson																-/X	O/X	O/X	X/E	X/E	E/O	O/O	O/X	
John Holmquist																O/X	X/E	X/X	X/X	X/X	X/X	X/X	X/E	
Darren Honaker																						X/E	O/O	
Warren Hopper																	X/E	O/O	X/E	X/E	X/E	X/E	X/O	
Tim Hoy																				X/O	O/O	X/E	E/E	
Jubin Jackson																				/E	X/E	O/E	O/O	
Preston Jackson				O/X	E/X	X/E	X/E	X/X	X/E	X/X	X/X	X/E	X/O	X/X	X/X	X/X	X/X	X/X	X/X	X/E	X/E	X/O	X/O	
Rory Johnson		/O	X/X	X/X	E/O	X/X	X/O	X/O	X/X	X/X	X/O	X/X	X/X	E/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	
Walt Jones	X/X	X/X	X/E	X/X	X/X	X/X	X/X	X/X	X/X	O/X	X/X	X/X	X/X	X/X	E/E	X/X	X/X	X/X	X/X	X/X	E/X	X/X	X/X	
Robert Jordan																					X/E	E/X	X/X	
Burt Judson	X/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/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	
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	
Richard Kirby																							X/O	
Stan Komander																					/E	O/O	O/O	
Mike Kozlowski																						X/O	O/O	
Todd Legette																						/O	/O	
John Levine					/X	E/X	X/X	E/X	X/E	X/X	O/X	X/X	O/X	X/E	O/X	E/E	X/X	X/X	X/X	X/X	X/E	X/E	O/X	
Pat Link																						E/E	O/X	
Kevin Lippert																					X/E	X/E	X/E	
Blake Lloyd								X/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/X	X/X	
Anthony Locker																					X/O	X/X	X/X	
Bob Lorenz																				X/O	X/O	X/O	X/E	
Jeff Lovelace																					X/E	X/E	X/E	
Alan Lowe			O/E	X/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/X	X/X	X/X	X/X	X/X	X/X	
James Lyles												X/O	O/O	O/O	X/O	O/X	X/O	X/X	X/O	X/O	E/X	E/X	O/O	





**APPENDIX F**

**MEMBERSHIP REPORT**

Mike Tribe																		X/E	E/E	O/O
Steven Trussell																		O/E	O/O	O/O
Richard Turner																				X/X
Marcelo Valdes																		X/E	X/X	O/O
Anibal Valenzuela																		X/E	X/E	X/E
Bill Vilcheck																		X/E	X/X	X/X
Hank Wachter																		X/E	X/O	X/O
Rick Watkins																		X/X	X/O	O/X
Allen Watson																		X/O	X/E	X/X
Mark Weaver																		X/X	E/E	O/X
Pete Werner																		X/X	E/E	O/X
John Whincup																		X/X	X/X	X/E
Bill Wilkens																		X/E	O/O	O/O
Jim Williams																		X/X	/O	/O
Brian Winter																		X/X	E/X	E/O
Alex Wu																			X/X	O/X
Carlos Yepez																		X/E	X/E	X/X
Mark Zawadzki																		X/E	O/O	O/O