

IEEE ORLANDO SECTION
EXECUTIVE COMMITTEE MEETING
August 4, 1981

The meeting was called to order by Dr. Ben Patz at 5:35 PM at the Stromberg-Carlson Training Center in Winter Park. Other attendees were as follows:

George Taack, Jr.	Geoffrey 'Jeff' Dick
Ernest Erickson	Dave George
Don Mendorf	G. White
David Flinchbaugh	George McClure
Carl Schunemann	Joseph Massett
Clark Hay	Mannie Connell

Meeting agenda is attached.

1. The minutes of the previous meeting were approved after the correction of the election results. The Secretary and Treasurer were reversed in the report. Ed Ellis was elected secretary, and Joe Massett was elected treasurer.

2. A verbal treasurers report was given because a written report was not available.

3. Society Chapter Reports
 - a. AES - They were looking for a replacement for the chairman. Dave ~~George~~ ^{Flinchbaugh} had his arm twisted until just before breaking. When the pain was too great, he agreed to be chairman.

 - b. Communication - Don Mendorf reported an organizational meeting will be held on August 10th to setup for the new year. He also asked two questions which were:

Q1 - What about budgets for new year?

Question was tabled because budgets would be covered later in the meeting.

Q2 - What was happening on the merging of Communications with VT?

Mendorf felt a society should just die if the members would not support it. He said that Communications would consider having a joint meeting with VT to enable them to stay active until they could decide what to do for the future.

 - c. Computer - No report

 - d. Electron Devices - Not represented

 - e. MTT - Al Fowler, the current Vice-Chairman, will become the chairman for this year.

- f. Power Engineering and Industrial Applications - Dick Batchelor was their speaker in the June meeting. There was a lot of good information that came out of the meeting, but it had a poor turnout of only eleven (11) people.

IEEE can input its views into Tallahassee through Rep. Batchelor, or engineers may ask to speak before committees which would allow engineering influence to be included in legislation.

Disposal of radio-active waste will be coming up in the next legislature.

- g. Vehicular Technology - not represented
h. Student Branch - not represented

4. Standing Committee Reports

- a. Programs - On vacation.
- b. Membership - Not present. However, it was reported that our section showed 15 new members in June and 24 new members in July.
- c. Publications - Inactive
- d. Facilities & Arrangements - Mendorf reported that IEEE can continue to have its executive meetings at Stromberg-Carlson in Winter Park if they wish. Voted to stay; however, due to security in the training center, we may move around the corner to the Stromberg government offices.
- e. Publications
Ben Patz hopes to get the Section notes out in September. If anyone wants anything in the notes, it has to be in by the 10th of the month before it is to appear. For September, send any information to Ben Patz.

- f. Awards - On vacation.
- g. IEEE-FES Liaison - On vacation.
- h. PAC - Submitted a written report. See attachment B for a copy of the PAC report.
- j. Student Activities - On vacation.
- k. Finance - Joe Massett passed out budget form for chapter budgets. Budgets are due back the week of August 10th so a Section budget can be ready by the next executive meeting.

5. Special Committee Reports

- a. Bar-B-Que - It will be a family affair on October 23rd from 4 PM to 12 Midnight at Florida Power's Employee facilities. It will be a picnic type instead of being catered, with a square dance following eating.
- b. SOUTHCON '82 - Not there
- c. AUTO TEST CON '81 - Written report submitted. Papers are due in by the end of August, and it looks like there will be 100 technical papers. The advanced program is to be mailed in August. Booth sales are doing well.

6. Unfinished Business - None.

7. New Business

- a. The question of updating the by-laws was raised. Ernest Erickson and George McClure were appointed to work on the update. It was suggested that each member of the Executive Committee be given a copy and they input their suggestions to the update committee.

b. The next meeting will be on September 1st. at 5:30 PM.

Meeting was adjourned at 6:36 PM.

IEEE ORLANDO SECTION EXECUTIVE COMMITTEE

MEETING AGENDA

8-4-81 5:30PM

1. MINUTES APPROVAL E & Ellis
2. TREASURER'S REPORT Joe Massett
3. SOCIETY CHAPTER CHAIRMEN'S REPRESENTATIVE
4. SOCIETY CHAPTER REPORTS:
 - a. AES Everett Hales
 - b. Communications Don Mendorf
 - c. Computer Gerry White
 - d. Electron Devices. *Abs* Mickey Mindock
 - e. MTT *Abs* Carl Schunemann
 - f. Power Engrg & Ind. Applications Geof. Dick
 - g. Vehicular Technology
 - h. Student Branch
 - i. Student Chapter, Computer Society
5. STANDING COMMITTEE REPORTS:
 - a. Programs Herb Towle
 - b. Membership Development Frank Fluet
 - c. Publicity Dave George
 - d. Facilities and Arrangements
 - e. Publications
 - f. Advertising Business Manager Bill Kownacki
 - g. Awards Bill Cram
 - h. IEEE-FES Liaison. Dick Harden
 - i. Professional Activitees Ed Ellis
 - j. Student Activities Richard Miller
 - k. Finance Committee Joe Massett
6. SPECIAL COMMITTEE REPORTS:
 - a. Barbeque Clark M. Hay
 - b. SOUTHCON Bruce Mathews
 - c. AUTOTESTCON '81. George McClure -
 - d. Education Fred Simons
 - e. Historian Russ Theis n
7. UNFINISHED BUSINESS
8. NEW BUSINESS
9. ADJOURNMENT

51358

E & Ellis

- 1. ...
- 2. ...
- 3. ...

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 Abs

PAC REPORT

The first Orlando Section PAC sponsored meeting was held May 14, 1981. Ron Waters, Florida Council PAC Chairman from Harris Corporation, Melbourne, spoke to three IEEE members and one non-member. This type of turnout is very discouraging.

This meeting was a presentation of IEEE effort on behalf of independent retirement accounts. The IEEE members attending this meeting were all vested in company pension plans and sufficiently senior in their employment that the probability is low of personal benefit from IEEE backed personal pension plans. The meeting should have been of primary interest to younger engineers, and engineering students who have an opportunity to make tax-deferred investments during the years prior to becoming vested in a qualifying pension plan. I am, therefore, attaching a short paragraph I would like to have inserted in the next issue of the section notes.

Ed Ellis

Ed Ellis
PAC Chairman

5/19/81

TAX-DEFERRED INVESTMENT

Younger engineers, self-employed engineers, and all other engineers not vested in qualifying company pension plans, are eligible for independent retirement accounts on which taxes are deferred until retirement. Any investment counselor can assist in arranging for an IRA, LERA, or Keogh account depending upon your personal position and needs. There is considerable congressional effort in progress to improve these plans to permit investment levels more consistent with recent inflationary trends. Your PAC Chairman, Ed Ellis, can furnish more details on the effort IEEE is expending in support of these improvements, and can supply supporting information if you are willing to contact your congressman to express your sentiments on this subject.



AUTOTESTCON '81

ORLANDO HYATT HOUSE, ORLANDO, FLORIDA

OCTOBER 19-21, 1981

1981 IEEE INTERNATIONAL AUTOMATIC TESTING CONFERENCE

PLEASE REPLY TO:

AUTOTESTCON PLANNING

The papers for the technical program are due at the printer now, and copies are going to the session chairmen. There will be three authors' breakfasts, a reception with finger foods, and three luncheons.

A total of about 50 exhibits is expected, and 650 attendees. Booths are selling for \$800, with a 20% discount for early payment.

Work is progressing on the advance program, which is due into the mails this month. Volunteers are sought for the conference committee, particularly in the registration area. Call George McClure, 352-3782 for further information or to volunteer.



Sponsored by

INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS
IEEE AEROSPACE AND ELECTRONICS SYSTEMS SOCIETY
IEEE INSTRUMENTATION AND MEASUREMENT SOCIETY
IEEE ORLANDO SECTION



Participating Society

AMERICAN INSTITUTE OF
AERONAUTICS AND ASTRONAUTICS
SUPPORT SYSTEMS TECHNICAL COMMITTEE

IEEE ORLANDO SECTION

EXECUTIVE COMMITTEE MEETING

1 Sept. 1981

The meeting was called to order by the Section Chairman, Ben Patz, at 5:35 PM at Stromberg-Carlson Corp. in Winter Park. Other attendees were:

Mannie Connell	Bruce Mathews
Ed Ellis	Russ Theisen
Joe Massett	Dave Flinchbaugh
George McClure	Don Mendorf
Bill Cram	Gerry White
Fred Simons	Al Fowler
Frank Fluet	Jeff Dick
Clark Hay	

1. Minutes of the August meeting were distributed and approved with the change noted that the incoming AES Chairman is Dave Flinchbaugh.
2. Treasurer's report was submitted by Joe Massett, copy attached. It was noted that anticipated expenses for section notes, mailing, and advance toward the annual barbeque will require that \$500 be transferred from the Dreyfus fund to the checking account. This will be done before the new Dreyfus fund signature cards are given to Dreyfus.
3. Communications Society - Don Mendorf submitted breakdown for the Comm. Soc. budget request, as shown below. He is scheduling seven meetings for the year, and requests a section calendar be prepared to avoid conflicts between technical meetings within the section. Comm. Soc. is willing to have joint meetings with Vehicular Technology, but if there is insufficient interest in VT to sustain a chapter, Comm. Soc. feels the chapter should be dissolved rather than merging into Comm. Soc.

Communication Society
Budget 1981-1982

Speaker Meals	
10 meetings @ \$10 per meeting	\$100
Speaker Travel	\$ 60
Postage/Fees	\$ 20
Misc.	\$ 20

4. Computer Society - Gerry White submitted the report shown below:

A planning session was held on August 10, 1981 at the home of Joe Massett (past chairman). Attendees were the secretary (S. Molton), the vice chairman for programs (C. Hay), and the chairman (G. White). Duties of each officer were discussed.

It was decided that the program chairman would schedule approximately ten meetings, to include three distinguished speakers. It was agreed that the meetings would be on Tuesday nights if possible.

Although an itemized budget is not available at this time, it is anticipated that at least an amount as great as last year will be necessary.

The next Computer Society meeting is scheduled for October 1981.

5. Microwave Theory & Techniques - Al Fowler reports MTT plans 5 meetings, starting in November. Some of the meetings will be joint with Antennas and Propagation, if such can be arranged. Al has requested printout, from IEEE headquarters, of MTT and Ant. & Prop. members in the Orlando section. He is not presently on record in New York as Chapter Chairman, but Russ Theisen offered to take care of this. Al would like to obtain guidance from within the section, relative to operating the chapter.
6. Aerospace and Electronic Systems - Dave Flinchbaugh reported AES plans a joint meeting with the Society of Manufacturing Engineers on September 24, at the Sundance Inn in Altamonte Springs. The speaker will be Tom Feaster, NASA Future Programs Office, talking on "The Shuttle Transportation System and Future NASA Space Missions", followed by a movie narrated by astronauts Young and Crippen, showing the total simulated cycle of the "Columbia" launch, landing and recovery. Social Hour 7:00 PM, Dinner (from menu) at 7:30, Talk at 8:15 PM.
7. Membership - Frank Fluet submitted the report shown below:

Summarizing from the "IEEE Membership Changes and Additions for Month Ending 7/31/81" (Pink Sheet Printout):

a. Members moving into section:	21
b. Members moving out of section:	4
c. New Members:	2
d. Members in arrears:	0

Letters of welcome will be sent to our new members shortly.

8. Awards - Bill Cram would like to see new blood working on awards. It was resolved that Mannie Connell, as the latest recipient of the "Man of the Year" Special Services Award, would act as chairman of a committee, with Bill serving on the committee. If additional membership is desired by Mannie, he will recruit help.
9. Professional Activities Committee - Ed Ellis reported that IRA liberalization has been signed into law. PAC is willing to reimburse the section for the page inserted in the September section notes which is devoted to PAC activities. A resolution was made, and passed, that reimbursement be requested. Ron Wojtasinski of regional PAC is requesting consideration of a careers workshop at Southcon '81. Ed Ellis will submit details to Fred Simons when these details become available.
10. Budget Committee - Joe Massett submitted the 1981-82 budget proposal. Revisions were recommended, and the budget was approved as amended. A copy of the revised budget is attached. There was concern that our current assets are higher than necessary for a non-profit group, but discussion of manner of use of the surplus was tabled for future consideration.
11. Barbeque - Clark Hay reports plans are well under control for the barbeque. An initial announcement is in the September section notes. A new format will be followed, with members bringing all but drinks and charcoal, and with steaks available, at extra charge, for those wishing them. Square dancing will follow. The tickets have not been received from the printers, but Ben Patz will distribute them when available.
12. Southcon - Bruce Mathews reports they expect about 50 technical sessions and 500 exhibitors. Exhibits will be at the Hyatt and the Sheraton Twin Towers, with technical sessions at the Holiday Inn on International Drive. Buses will be used between hotels. The Southcon budget is about \$500,000. Last year, Southcon in Atlanta had a \$44,000 profit on 10,000 attendees, and they are expecting a larger attendance at Southcon '82 in Orlando.
13. Auto-testcon - George McClure submitted the attached report.
14. Education - Fred Simons reports there will be at least one tutorial in the spring of 1982. IEEE headquarters is enthused about a forthcoming short course to be offered by satellite transmission to Orange Cablevision, as a first time for this technique for IEEE. Unfortunately, Fred has not been advised as to the topic for the short course.
15. Historian - Russ Theisen is still trying to complete the historical file of section notes and executive committee minutes. Banners and plaques are believed to be fully "accounted for".

16. Bylaws - George McClure submitted a copy of the issues recommended to be considered for bylaws revisions. A copy of these recommendations is attached. Copies of existing bylaws should be available for distribution at the next meeting of the executive committee.
17. New Business:
 - a) IEEE membership is slipping because of high membership dues. The Orlando Section submitted a letter of protest prior to the last dues increase, but the response received from New York was not considered as indicating adequate concern for our point of view. With another dues increase now under consideration in New York, it was resolved that we should submit another letter, strongly worded, and that a copy of the letter should be published in the section notes. Fred Simons and Ernie Erickson will draft a letter to be considered at the next meeting of the executive committee.
 - b) A section calendar was discussed and the following meeting dates allocated:

Communications	-	Fourth week, Tuesday or Wednesday
Computers	-	Third Tuesday
PE & IA	-	Third Thursday
MTT	-	Fourth Thursday
18. The next meeting of the executive committee will be held at Stromberg-Carlson in Winter Park, at 5:30 PM Tuesday, October 6, 1981.
19. The meeting was adjourned at 7:45 PM.

Ed Ellis
Secretary, Orlando Section

IEEE ORLANDO SECTION
 TREASURER'S REPORT
 1 MAY - 1 SEPT 1981

Cash Balance - 1 May 1981

Checking	\$ 416.17	
Audit Correction	73.91	
	<hr/>	\$ 490.08
Dreyfus Funds		6149.05
Park Federal Savings		1.69
IEEE Fund		2000.00
		<hr/>
		\$ 8640.82

Income:

Installation Banquet	\$ 341.00
Southcon Student return	238.00
Computer Society Tutorial	406.50
Hewlett Packard Ad Sept.	180.00
Return of Comp Soc. Tutorial Fees	45.00
IEEE Fund Interest	74.01
	<hr/>
	\$ 1284.51

Expenses:

Banquet Tickets	\$ 9.05
Installation Banquet	330.00
Computer Soc. Speakers	74.21
May Section Notes Printing	185.74
Awards Expense	35.63
Computer Soc. Stamps	22.88
Section Mailings	23.40
June Section Notes Printing	190.32
Sept Section Notes Printing	219.96
FCIEEE Training	11.71
Secretary Mailings	14.60
	<hr/>
	\$ 1117.50

Net Cash Gain (Loss) \$ 167.01

Total Net Worth before Dreyfus Income	8807.83
Dreyfus Dividend (30 June)	209.47
TOTAL NET WORTH	<hr/>
	\$ 9017.30

Changes in cash accounts:

		Checking Account	Dreyfus Fund
Park Federal Acc. Closed	\$ 1.69	\$ 490.08	\$ 6149.05
IEEE Fund closed	2000.00		
	<hr/>		
Increase in checking acct.	\$ 2001.69	2001.69	
Dreyfus Fund Deposit		(2200.00)	2200.00
Net Cash Gain (Loss)		167.01	
Dreyfus Dividend (30 June 81)			<hr/> 209.47
ACCOUNT TOTALS		<hr/> \$ 458.78	<hr/> \$ 8558.52

IEEE Orlando Section
Executive Committee Meeting
6 October 1981

The meeting was called to order by the Section Chairman, Ben Patz, at 5:45 P.M. at Stromberg-Carlson Corporation in Winter Park. There were nine members present; lacking a quorum, chapter reports were accepted while awaiting additional members. By 6:15 P.M., the following members were present:

Ben Patz
Ed Ellis
Bill Cram
Jeff Dick
Joe Massett
Don Mendorf

Mickey Mindock
Mannie Connell
Mike Robitaille
Dave Flinchbaugh
Frank Fluet

It was noted that the low attendance was due, in part, to a scheduled meeting of the Autotestcon committee.

1. Communications Society - Don Mendorf distributed copies of the meeting notice for the 20 October meeting, attached. He is tentatively planning to have a speaker from NASA in November. The Communications Society chapter is concerned about the merger of the local Vehicular Technology chapter with their group without prior consultation. Don Mendorf has discussed this with George McClure, as a representative of the VT group, and plans to contact Mark Lucas at IEEE headquarters to have the merger rescinded. The only advantage of merger appears to be the rebate of \$20 from National to the Section if there are two chapter meetings during the year.
2. Microwave Theory and Techniques - Mickey Mindock reported they are scheduling two meetings as follows:
 - 5 November - Pulsed Solid State Laser Material Processing, location not yet established, with Gene Maloney of Raytheon (Boston) speaking
 - 18 November - Mercury Cadmium Telluride Detector Technology, at Martin Marietta, with Dr. Byer of Martin Marietta Baltimore, speaking
3. Aerospace and Electronic Systems - Dave Flinchbaugh reported on the excellent September meeting, with Tom Feaster of NASA speaking to a joint meeting with the Society of Manufacturing Engineers. There are no additional meetings scheduled yet.

4. Power and Industrial Applications - Jeff Dick reported they have no meetings scheduled at present. He expects that he may lose the help of Roger Bowman as PE&IA Incoming Secretary because of possible job transfer.
5. Discussion was again held regarding the chapter meeting calendar. The calendar presented in the October section notes does not agree with the schedule arrived at in our September Executive Committee Meeting. The November section notes will include a corrected calendar.
6. Student Chapter - Mike Robitaille reported on a very full schedule of activities for the last month, including a party and a presentation by Larry Pending of NASA. They also have a full schedule planned for the coming months, and have started work on a Fiber Optic Communications link to be demonstrated at the UCF Engineering Fair in February.
7. Membership - Frank Fluet gave a membership report, attached. The suggestion was made that we set up a membership booth at Autotestcon, 19-21 October. The UCF student chapter has a display with pockets for membership applications, which Frank arranged to display.
8. Awards - Mannie Connell reported that the Awards Committee will have their first meeting Sunday, 11 October.
9. PAC - Ed Ellis reported that George McClure has arranged for a meeting on 10 December with Mark McKee of EF Hutton making a presentation on Estate Planning. No meeting place has been selected yet. An announcement should appear in the November OSN.
10. With all reports presented, there were still only eleven committee members, with 12 of the 22 members required to constitute a quorum. Mannie Connell moved the quorum rules be suspended to permit completion of business. Don Mendorf seconded the motion, and it passed by a vote of 10 for, 1 abstaining, with a requirement of 8 votes required for acceptance of this type of motion.
11. The minutes of the last meeting were approved: motion by Connell, second by Mendorf.
12. The Treasurer's Report, attached, was approved: motion by Massett, second by Fluet.

13. Barbeque - Ben Patz distributed tickets for sale by committee members. The barbeque will be held Friday, 23 October. Ed Ellis agreed to collect tickets, starting about 5:30 P.M. Sales reports should be phoned to Dr. Patz by 15 October to permit steak purchases. Changes in steak orders can be accepted through 18 October.
14. Southcon - No report.
15. Autotestcon - No report.
16. The suggestion has been made that the section purchase a number of educational tapes from IEEE National for loan to the members. Dr. Simon has learned that the Orlando Public Library would be willing to handle storage and distribution. Don Mendorf suggested that selection of tapes, to be purchased, should be made by a team, rather than Fred Simon alone, to provide a wider range of interests and disciplines. Don Mendorf, Frank Fluet, Mannie Connell, and Mike Robitaille agreed to work with Dr. Simon on this. Ed Ellis suggested that the interests of those not in manufacturing were not represented. It was suggested that Jeff Dick contact the power companies, and that the members of the team also contact Winter Park Telephone and Southern Bell.
17. Bylaws - Dr. Patz presented the report of the Bylaws Committee, attached. (The item numbers referred to in the text of this report are item numbers in Joe Pullara's recommendations, published as the final page of the minutes of the September meeting.) Copies of the present bylaws were distributed, with the request that anyone with suggestions for changes furnish these to the committee. Don Mendorf and Bill Cram volunteered to serve on the Bylaws Committee with Ben Patz and Ernie Erickson. Suggested considerations presented at the meeting included:
 - a. Provision for conduct of a meeting of the Executive Committee in absence of a quorum.
 - b. Definition of the election procedure for the Chapters Representative to serve on the Executive Board, including definition of the term "chapter."

18. Old Business - A letter of protest of dues increases, item 17a of the September minutes, was to have been drafted by Fred Simon and Ernie Erickson. Neither being present, the subject was tabled. Since the dues increase has been made, the context of the letter will have to be changed from that originally planned.
19. New Business - Mannie Connell expressed concern about the projected Reagan Administration's relaxation of rules on employment of alien engineers. He suggested the members of the Executive Committee write their congressman. It was recommended that Mannie also prepare a paragraph, to be considered at our next meeting, for insertion in the OSN for solicitation of support by the entire membership of the section in expressing individual concern on this matter.
20. The next meeting of the Executive Committee will be held at Stromberg-Carlson in Winter Park at 5:30 P.M., Tuesday, 3 November 1981. Although this date is an election day, it was the consensus that the off-year election would not cause substantial delay in starting the meeting.
21. The meeting was adjourned at 7:20 P.M.

Ed Ellis

Ed Ellis
Secretary, Orlando Section

COMMUNICATIONS SOCIETY
OF THE
IEEE

TOUR OF BELL'S ORLANDO TSPS OFFICE

DATE: TUESDAY, OCTOBER 27, 1981

TIME: 7:30 P.M.

THE TSPS OFFICE IS LOCATED OFF OF
SOUTH ORANGE BLOSSOM TRAIL ON THE
NORTH SIDE OF DOSS AVENUE WITH THE
TALK OF THE TOWN ON THE SOUTH.
MEET AT THE DOSS AVENUE ENTRANCE.

PLEASE CALL RESERVATIONS IN TO
339-1600 AT EXT. 353 OR 102.



THE INSTITUTE OF
ELECTRICAL AND
ELECTRONICS
ENGINEERS, INC.

PLEASE REPLY TO:

1200 W. Colonial Dr.
Orlando, FL 32804
(305) 843-7030

October 6, 1981

MEMBERSHIP DEVELOPMENT REPORT

Thirty-seven letters of welcome to members moving into the Orlando section were mailed out in September.

Our membership activity for month ending 8-31-81 (from "Pink" sheet):

a. Members moving into section:	16
b. Members moving out of section:	6
c. New Members:	3
d. Members in arrears:	11
e. Arrears paid:	5

The following excerpt from a 9-21-81 letter from the Region 3 Membership Development Chairman (L. Ensign Johnson) illustrates the IEEE's concern about dues increases:

"Membership development in Region 3 is doing very well. In spite of our fears of the repercussions of the dues increase, Region 3, 1981 membership totals are running about 3% ahead of the comparable figures for 1980, right on target for our year-end goal of 3% increase for the year."

From the same letter, the Orlando section membership data was:

Members on 12-31-80:	816
Members on 8-31-81:	817
Membership goal for 12-31-81:	840
New members needed:	23

In addition, "Membership Development has produced a 14 minute, 70 slide-show, complete with sound cassette, on "Values of Membership".... It is meant to be shown before or after a regular program, particularly when prospective members are present."

To borrow or purchase a copy of the slide-show contact me for further information.

Frank Fluet
Membership Development Chairman
Orlando Section IEEE

IEEE ORLANDO SECTION
TREASURER'S REPORT
6 OCTOBER 1981

CASH BALANCE:	1. Sept. 1981	
Checking	\$ 458.78	
Dreyfus	<u>8558.52</u>	\$9017.30

INCOME:		
Fluke Ad	<u>\$ 300.00</u>	300.00

EXPENSES: September		
Treasurer Mailing	\$ 5.40	
Power Eng. Mailing	33.24	
Power Eng. Speakers	20.58	
Postal Acct.	<u>150.00</u>	<u>- 209.22</u>

CASH BALANCE:		\$9108.08
Checking		\$ 549.56
Dreyfus		\$8558.52

By - Laws Report

The by-laws committee (Drs. Erickson and Patz) have met once. The following recommendations are made to the IEEE Orlando Section Executive Committee:

1. The by-laws committee write up a set of recommendations for next month.
2. The executive committee review our comments of Joe Pullara's Recommendations which are:
 - a. We believe item 1b, election of officers, should be continued without change.
 - b. We will review by-laws items 4-7 and 4-8 for inconsistencies and recommend changes as per item 1c.
 - c. Item 2b implies the need for a Southcon, FCIEE, and a conference coordination committee.
 - d. Item 2d chairman committee qualifications appears to be adequate.
 - e. Item 3b, vacancies seems to conflict at 047, 048, and 033 in the By-Laws.
 - f. Items 4a&b will be reviewed by Dr. Erickson with FCIEE by-laws.
 - g. We welcome recommendations concerning Joe Pullaras Recommendations 5,6,7.

IEEE ORLANDO SECTION
EXECUTIVE COMMITTEE MEETING
3 NOVEMBER 1981

The meeting was called to order by the Section Chairman, Ben Patz, at 5:35 P.M. at Stromberg-Carlson Corp. in Winter Park. Those present included the following:

Ben Patz	Dean Khandelwal
Ed Ellis	Mannie Connell
Bill Cram	George McClure
Jeff Dick	Brian Ashford
Fred Simons	George Taack
Joe Massett	Frank Fluet
Don Mendorf	David George

Dr. Patz introduced Brian Ashford, of Martin Marietta, who is a new member at large, of the Executive Committee.

The minutes of the 6 October meeting were read and were approved on a motion by Cram, seconded by Taack. The notation was made, however, that the minutes of the September meeting and the financial report of 6 October both approved at the October meeting, would require consideration at the current meeting, due to lack of a quorum in October. The minutes of the September meeting were then approved on the motion of Cram, seconded by Mendorf.

The treasurer's report for 3 November and preliminary barbeque report by the treasurer, as shown below, were discussed and approved on a motion by Connell, seconded by Fluet. It was noted that the IEEE rebate was the gross amount for January thru June, 1981, from which IEEE services (\$185.96) were deducted.

IEEE ORLANDO SECTION
Treasurer's Report
3 Nov. 1981

CASH BALANCE:	6 October 1981		
Checking	\$ 549.56		
Dreyfus	<u>8558.52</u>	\$	9108.08
INCOME:			
IEEE Rebate	\$ 1218.25		
(Gross)			
Barbecue Income	<u>88.50</u>	\$	1306.75
EXPENSES: (October)			
Secretary Mailings	\$ 13.47		
Membership Mailings	18.24		
IEEE MTT Listing	4.18		
Oct. Section Notes	231.50		
Barbecue Tickets	32.00		
IEEE Services	185.96		
(Jan-June 1981)			
Barbecue Foods, Drinks	<u>394.93</u>	\$	<u>880.28</u>
BALANCE:		\$	9534.55
Checking Account			976.03
Dreyfus			8558.52

IEEE ORLANDO SECTION
Annual Barbecue Report
Preliminary

INCOME: \$ 88.50

EXPENSES:

Food	\$ 186.07	
Paper Products	9.26	
Beverages	119.60	
Square Dance Caller	80.00	
B-B-Q Tickets	<u>32.00</u>	\$ 426.93

NET LOSS: \$ 338.43

The treasurer's report of 6 October was then approved on motion by Mendorf, seconded by Cram.

Chapters and committee reports were given as follows:

1. Communications Society - Don Mendorf reported a successful October meeting, although only 9 attended. The next meeting will be a tour of the Vista Telephone facilities of United Telephone on December 2. A meeting will be held in late January 1982, with a speaker presenting an update on NASA communications in support of the space shuttle effort.
2. Power Engineering Society and Industrial Applications - Jeff Dick reported their next meeting will be on the utility requirements and savings with earth-sheltered construction, on November 19.
3. Microwave Theory and Techniques - Ben Patz reported on communications with Al Fowler, chairman of the MTT Chapter. Al has obtained the required 12 signatures to establish an Orlando joint chapter of MTT and Antennas and Propagation. On motion by Cram, seconded by McClure, section approval was given for submitting this application to IEEE.
4. Publications - In absence of a Publications Chairman, Ben Patz reported that Executive Committee minutes are to be added to the notes because the majority of the section membership has had little cognizance of current activity within the section. The section secretary will deliver the minutes and meeting notices to the publisher directly, and the section chairman will deliver additional material directly until such time as a publications officer is available.

5. Membership and Development - Frank Fluet reported the October changes reported by IEEE show 21 changes within the Orlando section and 12 changes in group/society membership. Current Orlando section membership is 847. Don Mendorf requested that Frank procure a computer readout of Orlando section membership for each group and society. George McClure reported that Charlie Anderson, of Martin Marietta, who is a member of the administrative committee of the Electromagnetic Compatibility Society, is collecting signatures for establishing a local chapter of that group.
6. Publicity - David George will be soliciting input on items which can be used for press, radio and TV publicity. Letters will be sent to all members of the Executive Committee in November, with tentative plans for letters to industrial firms to follow.
7. Awards - Mannie Connell requested that the call for nominations for Engineer of the Year be included in the next section notes. He also needs nominees from the student branch for outstanding student awards, and he needs volunteers to assist him on the awards committee for evaluation of nominations.
8. Professional Activities - Ed Ellis requested comments on relative priorities in the USAB program - various pension, education and miscellaneous projects. A legislative alert has been issued by PAC on the federal budget cut in research funding. Ron Waters, Florida Council PAC representative, is resigning that post and is looking for a replacement.
9. Barbecue - The poor attendance at the section barbecue, held in October, was discussed. Reasons for the poor turnout which were suggested include: (1) Friday was a poor choice of days; (2) the entertainment probably appealed to too few of the members; and (3) IEEE members may be socially introverted or tend to socialize outside the profession. Art Weeks, as Facilities and Arrangements chairman, and Dean Khandelwal, will investigate a possible alternative fall section social meeting. Due to long lead time required to reserve the Bear Lake facility, if it is to be used, Ben Patz will reserve the facility for late October 1982, tentatively.
10. Autotestcon - George McClure reported that Autotestcon was very successful, and well received. He and Clark Hay are to prepare the final financial report on the conference in mid-November.
11. Education - Fred Simons requested guidance on subject matter for desired technical seminars. The proposal that the section procure IEEE educational tapes, for use by section members, was discussed. Distribution control is the principal area of concern. The public library system, UCF library, and Martin Marietta library were each considered. No decision was reached.

OLD BUSINESS: Fred Simons has not had the opportunity to prepare the suggested Orlando Section letter of protest against the recent IEEE dues increase. He solicited suggestions from those present, and will present a draft at our next meeting.

NEW BUSINESS: The question was raised regarding payment for Hewlett Packard ads in the section notes. Bill Kownacki bills them semi-annually. George McClure distributed copies of the preliminary program for NTC 81 to be held in New Orleans the end of this month. NTC will be replaced by Global Telecommunications Conference, GTC, in 1982, and GTC 82 will be in Miami.

The meeting was adjourned at 6:52 P.M. on motion by Cram, seconded by Khandelwal. The next meeting will be held at 5:30 P.M. 1 December 1981 at the same location.

Ed Ellis
Secretary, Orlando Section

IEEE - COMMUNICATIONS

TOUR OF VISTA UNITED TEL (DISNEY) COMMUNICATION
FACILITIES.

DATE: DECEMBER 2, 1981
TIME: 7:30 P.M.
PLACE: WORLD COMMUNICATIONS CENTER
DISNEY WORLD
LAKE BUENA VISTA, FLORIDA

PLEASE CALL RESERVATIONS TO (305) 339-1600

DIRECTIONS:

TAKE I-4 WEST TO 535 EXIT. GO 2.5 MILES
NORTH ON 535 - WHEN YOU SEE A VISTA-UNITED
TEL SIGN ON RIGHT, TURN LEFT FOR $\frac{1}{2}$ MILE.
TURN RIGHT INTO EMPLOYEE'S ENTRANCE. FOLLOW
VISTA-UNITED TEL SIGNS TO CENTER (APPROXIMATELY
 $\frac{1}{2}$ MILE).



THE INSTITUTE OF
ELECTRICAL AND
ELECTRONICS
ENGINEERS, INC.

PLEASE REPLY TO:
1200 W. Colonial Dr.
Orlando, Fl 32804
(305) 843-7030

November 3, 1981

MEMBERSHIP DEVELOPMENT REPORT

Membership changes and additions for month ending 9/30/81

(from "PINK LISTING"):

1. Change of address within section or subsection 21
2. Change in Group/Society membership 12

From Membership Statistics for month ending 10/31/81
total Members 847

F.A. Fluet

Membership Development Chairman
Orlando Section IEEE

IEE ORLANDO SECTION

Treasurer's Report

3 Nov. 1981

CASH BALANCE: 6 October 1981

Checking	\$ 549.56	
Dreyfus	<u>8558.52</u>	\$ 9108.08

INCOME:

IEEE Rebate (Gross)	\$ 1218.25	
Barbecue Income	<u>88.50</u>	\$ 1306.75

EXPENSES: (October)

Secretary Mailings	\$ 13.47	
Membership Mailings	18.24	
IEEE MTT Listing	4.18	
Oct. Section Notes	231.50	
Barbecue Tickets	32.00	
IEEE Services (Jan-June 1981)	185.96	
Barbecue Food, Drinks	<u>394.93</u>	\$ <u>880.28</u>

BALANCE: \$ 9534.55

Checking Account \$ 976.03

Dreyfus 8558.52

IEE ORLANDO SECTION
EXECUTIVE COMMITTEE MEETING
1 December, 1981

The meeting was called to order by the Section Chairman, Ben Patz, at 5:45PM at Stromberg-Carlson Corp. in Winter Park. Those present, including late arrivals, were:

Ben Patz	Bill Cram
Mannie Connell	Dave Flinchbaugh
Ed Ellis	Jeff Dick
Joe Massett	Gerry White
Fred Simons	Clark Hay
Frank Fluet	Al Fowler
Russ Theisen	

Chapters and Committee reports were given as follows:

1. Computer Society-Gerry White reported their next meeting would be Dec. 7, 1981, with Dr. Paul Wang talking on the subject of "Application of Fuzzy Set Theory to Pattern Recognition". Dr. Wang's availability for this presentation was not known early enough to distribute announcements earlier.
2. Autotestcon - Clark Hay reported that hotel banquet billing had been misdirected, and therefore has not been paid yet. The final reports should reflect a net income in the order of \$12,000, of which one-third will be given to the local section.
3. Microware Theory and Techniques - Al Fowler reported that their next meeting would be Thursday, Dec. 3, 1981, at Gary's Duck Inn, with Russ West of Transtec Corp. speaking on "Tailoring Ferrites for Microware Devices". MTT is also scheduling a meeting for Feb. 25, 1982, with George Bell of Microdyne, speaking on "Current Receiver Technology for Home Satellite Terminals". They also plan a Joint Meeting with Electron Devices Chapter, on Jan. 21, 1982, with Don Massey, of Raytheon, speaking.

Ben Patz reported receiving correspondence from IEEE announcing final approval of formation of the local MTT Chapter.

4. Aerospace and Electronic Systems - Dave Flinchbaugh reported on the joint AES-SME meeting in November on the topic "Aerospace Contributions to Space Technology". The next AES meeting will be Jan. 28, 1982, at the Sundance Inn, Altamonte Springs, on the topic of Robotics. He expects this will be an exciting and well attended meeting.
5. Communications - Ed Ellis reported word from Don Mendorf, that problems in circulating publicity on their meeting scheduled for Dec. 2, is expected to reduce attendance. The meeting is to include a tour of some of the communications facility at Disney World.

6. Awards - Mannie Connell reported that nominations for "Engineer of the Year" nominees are due Jan. 15, 1982.
7. Membership Development - Frank Fluet reported he has received Fellow nomination kits. Nominations are due by Dec. 12, 1981. Frank has ordered a sort of the Orlando Section membership for AES, COMM, COMP, ED, IA, PE, and MTT. Delivery is expected by Dec. 18. IEEE has not mailed "Senior Member" certificates to recent upgrades pending accumulation of a quantity of material for sending to an engraver.
8. Education - Fred Simons reported on the forthcoming IEEE Satellite Demonstration Course. He reported that fees for the short course have been set at \$125 for 4 hours of air time plus 2 hours of workshop. Orange Cablevision has offered their facilities for a classroom. After discussion, Bill Cram moved, and Gerry White seconded a motion to decline participation based upon (1) excessive costs; (2) delays in establishing contacts at Orange Cablevision due to transfer of the individual referenced by IEEE; and (3) non-receipt of brochures from IEEE, for publicizing the course. The motion was passed unanimously. Dr. Patz will advise each of the involved IEEE personnel by telephone, and will prepare a letter explaining our position. Fred Simons moved that Ben Patz be authorized to forward this letter to IEE without necessity for review of its text by the executive committee as a whole. Gerry White seconded the motion, and it passed unanimously.

Fred Simons also reported that he has located three possible library arrangements for control of circulation of the short course topic the section proposes to buy. These three are each in different areas at UCF. He is continuing to determine the best method of controlling circulation.

9. Ad-hoc Committee on IEEE Dues Increase - Fred Simons read a draft of the letter he has prepared. Russ Theisen recommended the letter be prepared for mailing to IEEE prior to their December, 1981 board meeting. Dr. Simons will prepare a final draft for signature by the section officers. Russ Theisen moved and Jeff Dick seconded the motion that the section officers be authorized to send this letter to the Presidents Executive Secretary, and board members of the IEEE and to the "Institute" for publication as an open letter. The motion passed unanimously.
10. Historian - Russ Theisen requires two copies of the minutes of the Sept, 1981 executive committee meeting. Russ reported that the Washington Office of the IEEE will now accept any IEEE historical records for a central archives.
11. Section Meeting - Russ Theisen announced the Dec. 10, 1981 meeting scheduled at John Young Museum on the subject of Retirement Investments.
12. FCIEEE - Mannie Connell, Ben Patz and Dave Flinchbaugh will attend the FCIEEE meeting at the Sheraton Jetport December 5, 1981.

13. Treasurer's Report - Joe Massett presented the treasurers report as shown below. Jeff Dick moved approval, Clark Hay seconded, and the motion carried.

IEEE ORLANDO SECTION
Treasurers's Report

1 December 1981

CASH BALANCE: 3 November 1981

Checking	\$	976.03	
Dreyfus	\$	8558.52	<u>\$9534.55</u>

INCOME:

Barbecue Receipts	\$	79.50	<u>79.50</u>
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EXPENSES:

Secretary Mailings	\$	7.19	
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Section Notes (Nov)		86.65	
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Bear Lake Rental		65.00	<u>158.84</u>
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BALANCE: \$9455.21

Checking Account		897.02	
Dreyfus		8558.52-	

ANNUAL BARBECUE TREASURER REPORT
1 December 1981

INCOME: \$168.00

EXPENSES:

Food	\$	186.07	
Paper Products		9.26	
Beverages		119.60	
Sq. Dance Caller		80.00	
B-B-Q Tickets		32.00	
Facility Rental		65.00	<u>\$491.93</u>

NET LOSS: \$323.93

14. Secretary's Minutes - The minutes of the November meeting were presented. On motion by Bill Cram, seconded by Russ Theisen, the minutes were approved. Jeff Dick commented on appreciating the format of the minutes and others generally concurred.
15. Publications - Ben Patz announced that George Taack has agreed to assume responsibility as Publications Chairman.
16. Publicity - David George's report on publicity was discussed. There was a consensus that the cost of professional public relations services was high for the purposes of the section. Without formal action, it was recommended that we should investigate community service announcements on TV, Radio, Cablevision and newspaper
17. Advertising - Jeff Dick reported an offer from Tektronix to advertise in the Section notes. They would like to have the back page each month, but this is presently committed to H.P.
18. New Business-

Ed Ellis requested all chapter meeting attendance records for 1981, not previously submitted, be furnished to him at the January, 1982 committee meeting.

Russ Theisen distributed copies of the announcement for Tutorial Week 82 East, to be held in Orlando, March 22-26. There will be 15 tutorials in three tracks.

Russ Theisen reported that the AAES and PAC are working for a change in IEEE policy 7.100, to promote engineering registration. The proposal affects use of the title "Engineer", and requires use of registered engineers in all areas of engineering responsibility. He recommends the section executive committee study the proposed revisions and be prepared to comment on the subject if appropriate.

Russ Theisen has been nominated to the IEEE Computer Society Honor Roll.

The meeting was adjourned at 7:35PM. The next meeting will be held at 5:30PM, Tuesday, 5 January, 1982, at the same location.

Ed Ellis.

Ed Ellis
Secretary, Orlando Section

IEEE ENGINEERS WEEK AWARDS PROGRAM
DEADLINE: DECEMBER 15, 1981

CALL FOR NOMINATIONS

As part of the Section meeting during National Engineer's Week in February 82, the Orlando Section will announce Engineer's-of-the-Year for all Chapters providing a nominee. From these, a Central Florida Electrical Engineer-of-the-Year will be chosen. All local Groups and Society chapters (including the Professional Activities Comm. and the UCF Student Chapter) are urged to submit nominees. Those Section members desiring to present additional nominees may nominate by petitions signed by 8 or more Orlando Section members.

QUALIFICATIONS

The nominee must be a current member of the IEEE in good standing and may be of any grade from Student through Fellow inclusive. The nominee need not be a member of any Group or Society of the IEEE.

FORM OR NOMINATION AND SELECTION CRITERIA

The form of the nominations is left to the groups providing the nominations. It is to be emphasized that nominations should be in good enough detail that the candidate may be fairly and completely evaluated for the Section award according to the criteria listed below. It is suggested that a minimum concise nomination should consist of a resume, activities list, and a cover letter explaining why he has been chosen as the Chapter Engineer-of-the-Year and Section Nominee. Nominations should be addressed to the Awards Committee Chairman and are due to be received no later than January 15, 1982. The Awards Committee will be pleased to answer any questions that arise.

THE ELECTRICAL ENGINEER OF THE YEAR WILL BE SELECTED BY THE AWARDS COMMITTEE WHO WILL EVALUATE THE CANDIDATES BY THE FOLLOWING POINT SYSTEM:

1. The quality and quantity of contributions through efforts on Research, Development, Design, Managerial, Educational and other equivalent engineering areas. (70)
2. Contributions to the IEEE. (10)
3. Publications, Patents, and associated activities. (10)
4. Memberships, Accomplishments, and Responsibilities in other technical and Professional groups and activities and in various activities of benefit to the Community and Society in general. (10)

PRESENTATION OF CANDIDATES AND AWARDS

Each nomination entity will provide a three minute introduction of their candidate. Each Chapter nominee will receive a framed certificate as Chapter Engineer-of-the-Year. The candidate selected as Central Florida Electrical Engineer of the Year will receive a plaque. No other plaques will be presented at this meeting.

Mannie Connell
Chairman, Awards Comm.
5136 Nadine Street
Orlando, FL 32807
Phone: 273-8588

IEEE ORLANDO SECTION
EXECUTIVE COMMITTEE MEETING
6 April, 1982

The meeting was called to order by Ed Ellis at 5:37 PM. It was announced that the section Chairman, Ben Patz, would not be able to arrive until around 6:15 PM. Committee members present, including late arrivals, were:

Ben Patz	Dave Flinchbaugh
Mannie Connell	Don Mendorf
Ed Ellis	Walt Wolters
George McClure	Gerry White
Bill Kownacki	Dick Zanowick
Michael Harris	Frank Fluet
Bill Cram	

1. Chapter reports were received as follows:
 - 1A. AES - Dave Flinchbaugh - no report.
 - 1B. Communication - Don Mendorf introduced Walt Wolters (C. F. Wolters), Communications Chapter Membership Chairman. The last meeting, on March 17, at Martin Data Center, had poor attendance due to inadequate publicity. A suggestion was made that the same meeting be repeated later as a joint meeting between two technical group chapters. Plans for the next Communications Chapter meeting in May, were not sufficiently advanced to announce.
 - 1C. Computer - Gerry White - no report.
 - 1D. Electron Devices - Dick Zanowick for Mickey Mindock - a written report was submitted as follows:

A meeting was held on April 1, 1982. Dr. Ronald L. Phillips from the University of Central Florida gave an excellent overview of Fiber Optic Sensors and integrated optical components. Twenty-two (22) people attended the meeting.

The Electron Devices Society will hold its first dinner meeting on May 12, 1982, at the Hilton Inn. This meeting will feature Mr. Michael Ohanian, Vice President of Operations of Martin Marietta, and Mr. Kevin Ford, Manager of Martin Marietta's VHSIC activities. Mr. Ohanian will give an overview of Martin Marietta's business and the company's need for expansion. Mr. Ford will discuss Martin's planned expansion into the VHSIC/VLSI technology. All IEEE members, spouses, students and other interested individuals are invited. Tickets for the meal will be \$10 and will be available from Mickey Mindock (352-2776) or Barbara Schramm (352-4036). Tickets need to be purchased by May 5, 1982, to assure reservations.

For those interested I (Mickey Mindock) have copies of the minutes of the Administrative Committee of the Electron Devices Society for February 1982 and December 1981. These minutes provide insight into the activities of the society at the national level. Topics discussed include details of publications offered, responsibility for the emerging Fiber Optics technology, budgets, future conferences, and award activities.

1E. PE and IA - No representative present

1F. AP/MTT - No representative present

2. Standing Committee reports were presented as follows:

2A. Membership - Frank Fluet presented a list of new members in the Orlando section, with a word of welcome he wishes to have made part of the section notes. Also, he presented a report on membership changes, as listed below. It was noted that March is the month in which all members in arrears on dues are first listed, and that 158 members in arrears is near the number at this time last year, despite increased total section membership.

The following membership statistics are derived from the "Membership Changes and Additions for Month Ending 2/28/82" ("Pink" Listings):

Code	Reason	Count
A	New Election to Membership	4
D	Address Change, within Section	7
E	Address Change, Moving into Section	6
G	Transfer to Student Membership Grade	1
H	Transfer in Membership Grade	1
I	Address Change, Moved out of Section	9
K	In Arrears	158
L	Resigned	3
N	Change in Group or Society	21

Members in arrears (Code K) are being sent letters encouraging them to reinstate their membership. Letters of welcome are being sent to new members in the Section (Codes A and E). In addition a "Welcome to New Members" column will be added to the Section Notes.

- 2B. Membership - Bill Cram recommended that Frank Fluet ascertain whether certificates are presently issued upon elevation to senior membership and that the section present certificates if IEEE National does not do so.
- 2C. PAC - Ed Ellis - no report.
- 2D. Program - Michael Harris announced plans for the May 5 meeting to be held at Gary's Duck Inn, with Mr. Don Wiggins, a Patent Lawyer, presenting an overview of the Patent System in the U.S.
- 2E. Awards - Mannie Connell announced that the section nominations for Fellow Membership for three members were almost ready for submission. These nominations are due at IEEE Headquarters by April 30.
3. The minutes of the last meeting were reviewed and approved on motion by Gerry White, seconded by Don Mendorf.
4. Due to absence of Joe Massett, no treasurer's report was presented.
5. Nominations - George McClure presented the Nominations Committee report. Their nominees for 1982-83 are as follows:

Chairman - Mannie Connell
Vice Chairman - Ed Ellis
Secretary - Frank Fluet
Treasurer - Don Mendorf

The section by-laws as related to nominations were reviewed and it was noted that we are behind the prescribed schedule. On motion by Bill Cram, seconded by Walt Wolters, it was directed that a sheet be inserted in the April Section Notes now ready for distribution, listing the nominees of the Nomination Committee and outlining procedures for nomination from the membership. Don Mendorf moved that the deadline for receipt of petition nominees was set as April 3, 1982, with appointment of an Elections Committee set for April 4, 1982. Seconded by George McClure, the motion passed.

6. Advertising - Bill Kownacki presented a proposed new rate schedule for advertisements in the Section Notes. These rates are based upon charges for a full page ad covering the cost of publication and distribution for that page plus one page of text or announcements. Ed Ellis reported that the current rates were found to have been in effect at least as early as 1977. George McClure suggested that a rate differential be included for repeated insertions on ads less than one full page, to conform with the proposed differential for full page ads. Gerry White moved that the new rates schedule be approved with an effective date of September 1, 1982. Bill Cram seconded the motion and the motion carried. The new rate schedule is as follows:

ADVERTISING RATES: Black and white, per insertion

Size: Inches: 1-2 Insertions 3-10 Insertions, same copy

One page	5 x 8	\$65.00	\$60.00
3/4 page	5 x 6	55.00	50.00
1/2 page	5 x 4	40.00	35.00
1/4 oage	5 x 2	25.00	20.00

Photograph half-tones: \$10.00

7. Conferences - Dave Flinchbaugh reported that the unaudited attendance report for Southcon was 12,263. Southeastcon, still in progress, had an attendance of approximately 500 students and 260 full-fee attendees. During Southeastcon there have been meetings of the Region 3 Executive Committee and the full Region 3 Committee, as well as a section officers training workshop.
8. Tutorial Week East - The attendance at Tutorial Week East, in March, was less than anticipated. The total attendance was 600, with 40 to 50 in each session.
9. Old Business
- 9A. In February a motion was passed authorizing the section to purchase one ticket each year for attendance of the spouse of the section Engineer of the Year at the annual FES Engineer's Week Dinner. It had been erroneously reported that the section Engineer of the Year received a ticket from FES as our nominee for their Engineer of the Year Award. On motion by Dave Flinchbaugh, seconded by Frank Fluet, the section was authorized to buy two tickets each year, for the FES Engineer's Week dinner, with this year's section Engineer of the Year to be reimbursed for expenses he paid.
- 9B. It was announced tha the officers of the technical group chapters had elected Don Mendorf as the Chapter's representative to the section Executive Committee.

10. New Business

- 10A. Ed Ellis reported receipt of a letter in February and misplaced until late March, requesting our financial part of the FES Engineer's Week activities. The assessment, based upon section membership, is \$35. We have contributed the assessed amount in previous years. A motion by George McClure that we pay the assessed amount, was seconded by Frank Fluet, and passed.
- 10B. Dave Flinchbaugh recommended that certificates of appreciation should be given for the work performed by some of those that have been active in maintaining this as an effective and growing section. After much discussion on mechanics of such recognition, Don Mendorf moved the section chairman be authorized to expend section funds for such awards of recognition as he may wish to present. Seconded by Bill Cram, the motion passed.
- 10C. Ben Patz polled those present for suggestions in planning for the annual June banquet. Using the results of this poll, he will make arrangements for this activity the second or third weekend in June.
11. The meeting adjourned at 7:10 PM. The next meeting will be held at 5:30 PM Tuesday, May 4 at the same location.

Ed Ellis..

Ed Ellis, Section Secretary

NAME, POSITION	Phone and Address List Changes Only or new attendees
Ed Elles Secy	No change
Bill Cram At Large	No change
Dick Zanowick for Mickey Mendoak	" "
Gerry White Computer Soc	" "
C.F. WOLTERS COMM SOC. MEMBERSHIP CH.	" "
FRANK FLUET MEMB. DEV. COM.	" "
Bill Kownacki Section Notes Adv	" "
MICHAEL G. HARRIS PROGRAM CHAIRMAN	107 SEDGEFIELD CIRCLE WINTER PARK, FL 32782 (407) 275-2598
Geo. F. McClure Jr. Past. Chmn.	
Marnie Connor V. Chmn.	New bus. ph# 351-1210
D.E. Illichbaugh A.E.S. Chmn.	422-2662
Don Menderf	

Notes. Distribution 1100, 950 local

May 3, 1982

TRIP REPORT

TO: Ben Patz - Chairman Orlando Section

FROM: John Gilbert - Acting PAC Representative

During the week of April 4th thru 6th, 1982 I attended the South-east Conference '82 as the Orlando PAC Representative, balance of the week was greatly enjoyed attending the Technical Sessions. On April 5, 1982 I attended the Regional Workshop conducted by Ron Wotisinski, Vernon Powers and Ted Profits.

Emphasis was placed on Professional growth of members and officers and that each officer within the section should aspire to the office of Chairman. Activities within the section should stimulate growth of the section. In view of this a review of Chairman duties was outlined; for instance the section chairman manages the section, he should be familiar with IEEE by-laws and chapter by-laws. He is responsible for keeping section by-laws current. He conducts the section meetings, appoints the nominations committee and conducts the annual elections.

The next item discussed was an outline of Committee Groups:

Awards, Chapters, Educational Activities, Fellowship and Attendance, Finance, History, Inter Society Relations (PAC Chairman) Membership Development, Nominations, Programs, Publicity and Public Relations, Publication and Student Activities. In order to preserve section history and tradition; the point was made that upon installation of incoming officers, a complete and accurate transfer of section records should be made.

Regarding past section chairmen, they should be called upon and should act in the capacity of advisers to the section.

The section vice chairman in addition to acting in the chairman's absence should prepare himself/herself for the chairman's slot for the new year. The program chairman and other officers should prepare for service in appropriately higher positions within the section.

At present there are now 43 sections within Region III and it is one of, it not the fastest, growing Region in the society.

Next Charlie Rodgers gave a brief description of section secretary duties pointing out the prime function is one of accurate recording of section minutes. He further emphasized the safe keeping of section records, timely reports to national and maintaining a supply of proper forms.

(2)

L. Ensign Johnson reviewed membership development. Current IEEE membership is 221,000. 1984 is the Centennial Year for IEEE, membership chairmen should be busy now in attaining a membership of 225,000 by Centennial time.

Reed Thompson - Regional Director outlined ten (10) goals for each section.

1. Increased student activities.
2. Better Public Relations.
3. Recognition for conspicuous service and the development of exemplary section awards.
4. An increase of at least 6% in membership, and a 10% minimum increase in senior membership.
5. Initiation of a region 3 newsletter.
6. Development of a conference guide.
7. Improve concept and appreciation by students of IEEE membership and professionalism.
8. Enhance institute centennial.
9. Foster professional Engineer development.
10. Build Financial integrity within section through better management.

Under other items, the institute will lend assistance (Financial) to sections in financial trouble, i.e. small or new sections, typically \$150.00 maximum.

Vice Chairman - Bob Lucas mentioned that he needs inputs from the sections by 10th of each month for Institute news.

During this meeting the proposed revision of Region 3 by-laws was passed although the Orlando Section disagreed with it's passage. With the exception of the Orlando Section there was no opposition.

April 6th, 1982

The PAC meeting was conducted by Val Bodine - Chairman.

After introductions, Art Green - Government Affairs suggested that sections should try to influence state legislatures on items that affect professional engineers. There should be technical representative at each state capitol to provide technical inputs to the legislature and also work with other engineering societies.

(3)

At present IEEE has a position paper in "The Mill" Regional Registration of Professional Engineers. Sections should consider action to provide Technical Sciences office at respective state capitols. Art Green has information to start formation, also there are PAC funds available for this effort; however, they are limited. Does our section contribute to the Florida Council of Engineers?

The next national PAC Conference will be held in Phoenix in September 10 thru 11 th.

Slide Presentations are available from IEEE for Civic Organizations. Val Bodine can be contacted for a list of topics.

Regarding career development, P.E. Programs and Workshop information is available through Local P.E. Groups. The N.C.E.E. Exam is not used in all states -- Florida ? P.E. Workshops take about 16 weeks with one to two classes per week. Our section should consider this workshop.

PAC should set-up programs to assist students and younger Engineers as well as middle age Engineers.

PAC has been changed to PACE (Professional Activities Committee for Engineers).

Per Val Bodine, PACE has some funds available for sections to conduct training programs, he would like to hear from interested sections.

Members should seriously consider new insurance and IRA package being mailed out from the institute.

Eunice Rodgers - Chairperson, Committee on Professional Activities for women, would like to hear from and is interested in problems concerning women Engineers. Her goal is; a COPAFW in each section.

This completes my report to the section. It is always good to fellowship with others within our profession.


John Gilbert

IEEE ORLANDO SECTION
EXECUTIVE COMMITTEE MEETING
4 MAY 1982

The meeting was called to order by the Section Chairman, Ben Patz, at 5:35 PM. Committee members present, including late arrivals, were:

Ben Patz	Bill Cram
Mannie Connell	John Gilbert
Ed Ellis	Gerry White
Joe Massett	Clark Hay
Michael Harris	Dick Zanowick
Frank Fluet	Geof Dick
Russ Theisen	Al Fowler

1. Treasurers Report - The Treasurer's report for April was reviewed. On motion by Frank Fluet, seconded by Bill Cram, the report was approved. The treasurer's report for May was then reviewed. On motion by Gerry White, seconded by Geof Dick, the report was approved. These two reports were as shown below.

IEEE ORLANDO SECTION
TREASURER REPORT
6 April 1982

CASH BALANCE: 2 MARCH 1982

Checking	\$ 1,455.52	
Dreyfus	14,918.72	\$ 16,374.24

INCOME:

Engineering Banquet		94.00
		<u>\$ 16,468.24</u>

EXPENSES:

Eng. Banquet Awards	\$ 32.48	
Membership Development	11.98	
Eng. Banquet Pictures	<u>33.65</u>	<u>78.11</u>

BALANCE:		\$ 16,390.13
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Checking		\$ 1,471.41
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Dreyfus		\$ 14,918.72
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SUPPLEMENTAL REPORT ON AWARDS BANQUET

INCOME:

Ticket Sales \$ 630.00

EXPENSES:

Ticket Printing	\$ 23.00	
Awards	221.82	
Restaurant Costs	870.69	
Speaker	100.00	
Pictures	33.65	
Plaques	<u>32.48</u>	

TOTAL EXPENSES		\$1,281.64
NET COST TO SECTION	<u>\$ 651.64</u>	

\$1,281.64	\$1,281.64
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IEEE ORLANDO SECTION
TREASURER REPORT
3 May 1982

CASH BALANCE 6 April 1982

Checking	\$ 1,471.41	
Dreyfus	14,918.72	\$16,390.13

INCOME:

Dreyfus Interest	\$ 206.59	
Autotestcon	2,022.16	
H.P. Advertising	120.00	
Dreyfus Funds Dep.	3,000.00	
Banquet Receipts	<u>36.00</u>	\$ 5,384.75

EXPENSES:

Membership Dev.	\$ 40.91	
March Section Notes	319.90	
April Section Notes	319.07	
Section Notes Mail Dep.	200.00	
Southeastcon Advance	1,500.00	
MTT/AP Meeting-March	116.00	
MTT/AP Meeting-April	22.00	
Dreyfus Withdrawal	<u>3,000.00</u>	\$ 5,518.87

BALANCE:		\$16,256.01
Dreyfus		\$12,125.31
Checking		\$ 4,130.70

2. The minutes of the April meeting were reviewed. It was noted that item 2D in the minutes was incorrectly numbered. On motion by John Gilbert, seconded by Bill Cram, the minutes were approved with the one correction.

3. Chapter Reports

3A. Computer - Gerry White announced that the meeting on Quality Assurance, originally scheduled for April, was rescheduled for June 10. The next meeting will be on Software Cost Estimation, on May 18.

3B. Power Engineering and Industrial Applications - Geof Dick reported their April meeting on Load Management was very good. Their next meeting will be on May 20, on the subject of Solar Ponds. Geof has been chairman of the PE & IA chapter for two years now and is anxious to recruit new chapter officers. So far, he has been unsuccessful. This chapter has had consistently good meetings, but is in danger of failing if new officers cannot be recruited.

3C. Electron Devices - Dick Zanowick reported that there has been good response so far in reservations for their May 12 meeting. Considering the topic and speakers -- Martin Marietta VLSI and VHSIC programs -- he feels there should be even more engineers interested in attending, but that too many may have overlooked the meeting details.

3D. Communications - Ed Ellis announced for Don Mendorf, that the chapter nominees for 1982-83 officers were: Chairman, George Taack; Vice Chairman, Bill Strickland; Secretary, Walt Wolters. The chapter has not yet scheduled their next meeting.

3E. Microwave Theory and Techniques - Al Fowler reported on a very good meeting on April 21, with 16 attending a presentation by a speaker from Scientific Atlanta. Their next meeting has not been scheduled yet.

4. Membership Development - Frank Fluet presented the following report on membership changes:

The following membership statistics are derived from the "Membership Changes and Additions for Month Ending 03/31/82":

<u>Code</u>	<u>Reason</u>	<u>Count</u>
A	New Election to Membership	7
B	Reinstatement to Membership	1
C	Arrears Paid	43
D	Address Change Within Section	11
E	Moving Into Section	3
G	New Student Member	1
H	Transfer in Member Grade	1
I	Moving Out of Section	6
N	Change in Group or Society	13

As requested in last month's meeting, I contacted Roseanna Shultz's office at IEEE Headquarters concerning the Senior Member certificates. I was told they are still provided at no charge, but to allow about two months for delivery.

5. Professional Activities Committee for Engineers - John Gilbert reported the change in name of PAC to PACE, made due to other common usage of the acronym PAC, outside IEEE. John also submitted a report on his trip to committee meetings held during Southeastcon 82, April 4-6. Included in the items discussed in Region 3 meetings and the PACE meeting, were the following:

- 5A. The proposed region by-laws changes published in the May 1982 Orlando Section Notes, were approved in concept. These changes, arranged to permit better section input to regional officer selection, will now be submitted to section representatives for a vote.
- 5B. John would like to see a section workshop on preparation for a PE examination. He was authorized to investigate possibilities further.
- 5C. Region III, with 43 sections, is one of the fastest growing regions of IEEE.
- 5D. IEEE hopes to increase membership from its present 221,000 to 225,000 by the IEEE Centennial year, 1984.
- 5E. Reed Thompson, Regional Director, outlined ten goals for each section, including growth, professional development, public relations, student activity support and recognition for conspicuous service.
- 5F. The Committee on Professional Activities for Women (COPAFW) has established a goal of COPAFW representation in each IEEE section.

6. Programs - Michael Harris reported rather low response so far on the scheduled May 5 meeting with Mr. Don Wiggins speaking on Patents. The next section activity will be the annual installation banquet May 22. Tickets have not arrived from the printers, but will be distributed upon receipt.
7. Old Business - none
8. New Business
 - 8A. Michael Harris suggested there may be membership interest in purchasing coffee mugs with the IEEE logo. There was sufficient interest from those present. On motion by Al Fowler, seconded by Joe Massett, Michael was authorized to place an order for fifty cups.
 - 8B. Russ Theisen announced that the call for papers had been issued for Southeastcon '83 to be held in Orlando. Tutorial Week East had a total registration of 602. Many attendees commented that the material was too basic, but some commented that it was too high level. The national software conference, scheduled for the Orlando Hyatt House, has been cancelled due to late loss of responsible chair personnel.
 - 8C. Russ Theisen reported that, as of December 31, 1981, the Orlando Section had 15 fellow members, 112 senior members, 622 members, 54 affiliates, and 71 student members, for a total of 874.
9. The meeting adjourned at 7:00 PM. The next meeting will be June 1, 1982, at the same location.

IEEE
ELECTRON DEVICES SOCIETY

FIRST

DINNER MEETING

May 12, 1982

at

HILTON INN

INTERNATIONAL DRIVE

Orlando, Florida

SPEAKERS:

Mr. Michael Ohanian, Vice President of Operations, Martin Marietta will provide an overview of Martin Marietta's business and its impact on the community

Mr. Kevin Ford, Manager of VSHIC Laboratory, Martin Marietta will discuss Martin Marietta's planned VSHIC capability

Cocktails (cash bar) 5:30 p.m.

Dinner 6:30 p.m.

Program 7:30 p.m.

Meal Tickets \$10.00

(Must be purchased by
May 5, 1982)

For more information
contact Barbara Schramm
352-4036

Bring your spouse

ELECTRON DEVICES SOCIETY REPORT

April 6, 1982

A meeting was held on April 1, 1982. Dr. Ronald L. Phillips from the University of Central Florida gave an excellent overview of Fiber Optic Sensors and integrated optical components. Twenty two (22) people attended the meeting.

The electron Devices Society will hold its first dinner meeting on May 12 1982 at the Hilton Inn. This meeting will feature Mr. Michael Ohanian, Vice President of Operations of Martin Marietta, and Mr. Kevin Ford, Manager of Martin Marietta's VHSIC activities. Mr. Ohanian will give an overview of Martin Marietta's business and the company's need for expansion. Mr. Kevin Ford will discuss Martin's planned expansion into the VSHIC technology. All IEEE members, spouses, students and other interested individuals are invited. Tickets for the meal will be \$10 and will be available from Mickey Mindock (352-2776) or Barbara Schramm (352-4036). Tickets need to be purchased by May 5, 1982, to assure reservations.

For those interested I have copies of the minutes of the Administrative Committee of the Electron Devices Society for February 1982 and December 1981. These minutes provide insight into the activities of the society at the national level. Topics discussed include details of publications offered, responsibility for the emerging Fiber Optics technology, budgets, future conferences, and award activities.

1982 NATIONAL ENGINEERS WEEK

February 21-27, 1982

February 1, 1982

To All Participating Societies:

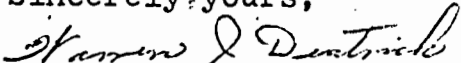
Each February, in observance of National Engineers Week, the technical societies in Central Florida promote the engineering profession through publicity and sponsorship of a series of engineering-oriented events, culminating in the annual Engineers Week Banquet. These events are coordinated, and in many cases carried out, by the Engineers Week Committee, a group composed of representatives from each of the participating societies, to inform the public about the role of Engineers and Engineering Technicians and their contributions to modern society.

The annual banquet, to be held this year on Saturday, February 27, 1982, is planned to be self supporting. However, funds for other activities are obtained from contributions by industry and the technical societies.

Therefore, in accordance with established procedures, it is requested that each participating technical society contribute to defraying the operating expenses resulting from the Engineers Week activities. The assessment this year has been set at twenty-five cents (25¢) per member, with a ten dollar (\$10) minimum and thirty-five dollar (\$35) maximum per society. In return, the contributing society is included as one of the sponsoring societies in the printed banquet program.

As soon as possible, please send your society's check, payable to "ENGINEERS WEEK COMMITTEE", to the undersigned. We urge your support of this important annual occasion.

Sincerely yours,



Warren J. Deatruck, P.E.
Treasurer

3001 Aloma Ave., Suite 219
Winter Park, Fl. 32792

JUNE ELECTION

The Orlando Section nomination committee has nominated the following slate of officers for 1982/1983:

Chairman: Manrie Connell
Vice Chairman: Ed Ellis
Secretary: Frank Fluet
Treasurer: Don Mendorf

Each nominee has indicated a willingness to serve.

Additional nominations are invited from the membership. Any nomination must contain the following information:

1. Identify the person
2. Specify the office
3. Statement of nominee's willingness to serve
4. Statement of qualifications
5. Biographical sketch
6. Petition signed by 15 or more section members currently in good standing with IEEE (ie. name and IEEE membership number)

The above 6 items shall be delivered to the section chairman no later than 3 May 1982.

The section chairman is: Dr. Benjamin H. Patz
695 Gatlin Ave.
Orlando, Fla. 32806

If you plan to submit a petition candidate please call Dr. Patz at 855-3685 (H) 275-2816 (office) by 1 May 1982. You will also wish to retain a copy of the 6 items for your records.

IEEE ORLANDO EXECUTIVE COMMITTEE
EXECUTIVE BOARD

		Business	Home
Chairman	Benjamin W. Patz	275-2816	855-3685
Vice Chairman	Mannie Connell	351-2710	273-8588
Secretary	T. E. (Ed) Ellis	339 1600	834-3319
Treasurer	Joe Massett	352-3858	834-3448

STANDING COMMITTEE CHAIRMEN

Jr. Past Chairman	George F. McClure	352-3782	647-5092
Sr. Past Chairman	Ernest E. Erickson	275-2310	365-5560
Programs	Art Weeks <i>Michael Harris</i>	275-2786	677-6472
Publicity	David George	859-5120	644-2596
Publications	George Taack	339-1600	321-0319
Awards	Mannie Connell	351-2710	273-8588
FES Liaison	Richard C. Harden	855-0881	855-5775
Prof. Act. Comm.	T. E. (Ed) Ellis	339-1600	834-3319
Student Act. Comm	Richard Miller	275-2786	
Education	Fred O. Simons	275-2786	678-1796
Membership Develop.	Frank Fluett	843-7030	339-8905

John Gilbert

275-2548
1210
859-5492

SPECIAL COMMITTEES

By-Laws	Ernest E. Erickson	275-2310	365-5560
SOUTHCON	Bruce E. Mathews	275-2156	645-0549
Advertising Manager	William A. Kownacki	843-8484	365-5818
Historian	Russell E. Theisen	352-3877	671-4139
Member at Large	William C. Cram		647-4123

SOCIETY CHAPTER OFFICERS

AES	Chmn	Dave Finchaugh	422-2662	859-4856
Comm.	Chmn.	Don Mendorf	628-9884	865-7435
	V. Chmn.	George Taack Jr.	339 1600	321-0319
	Secy.	Bill Strickland	351-9960	
	Mbrshp	Walt Winters	351-9901	
Computer	Chmn	Gerry White	646-4491	676-3521
	Pgm. V. Chmn	Clark M. Hay	339-1600	677-3114
	Mbr. V. Chmn.	William Joseph	352-4126	299-7399
	Secy.	Stephen Moulton	352-2236	830-9034
Electron Dev.	Chmn.	Deen Khandelwal (organizer)	352-2583	277-5959
	Chmn.	Ralph M. Mindock	352-2776	862-7764
	V. Chmn.	Jim Crouch	352-3966	857-3788
AP/MTT	Chmn.	Al Fowler	678-2141	365-5772
	V. Chmn	Carl F. Schunemann	352-4366	647-4992
	Secy.	Larry W. Pack	352-4560	671-4047
PE IA	Chmn.	Geoffrey E. Dick	352-2796	678-0979
	V. Chmn.	Joseph R. Miller	646-8233	644-7049
	Secy.	Roger D. Bowmar	646-8222	275-7206
Student Br.	Chmn.	Michael Robitaille	275-2786	671-6088
	V. Chmn.	David Kotick		678-6710
	Recordg. Secy.	Diane Pavik		282-1941
	Corresp. Secy.	Karen Riley		
	Treas.	Jon Klages		275-0023
Stu. Cmptr.	Chmn.	Tom Toor	275-2786	282-6359
	V. Chmn.	Art Weeks	275-2786	677-6472
	Secy. Treas.	Jon Klages		275-0023

The Executive Committee meets the first Tuesday of each month at Stromberg-Carlson Training facility at 5.30 p.m. All IEEE members are welcome to attend.

1044 N. Orlando Ave., Winter Park, FL. (Galloway St. side),

IEEE
ELECTRON DEVICES SOCIETY
FIRST
DINNER MEETING

May 12, 1982

at

HILTON INN
INTERNATIONAL DRIVE
Orlando, Florida

SPEAKERS:

Mr. Michael Ohanian, Vice President of Operations, Martin Marietta will provide an overview of Martin Marietta's business and its impact on the community

Mr. Kevin Ford, Manager of ^{VHSIC} ~~VSHIC~~ Laboratory, Martin Marietta will discuss Martin Marietta's planned ~~VSHIC~~ capability

VHSIC/VLSI

Cocktails (cash bar)	5:30 p.m.
Dinner	6:30 p.m.
Program	7:30 p.m.

Meal Tickets \$10.00

(Must be purchased by
May 5, 1982)

For more information
contact Barbara Schramm
352-4036

Bring your spouse

ORLANDO SECTION NOTES, published monthly except July and August, to inform electrical and electronic engineers of meetings, conferences, and other events of interest in the Orlando area. Eight to twelve pages are published each issue, by the Orlando Section of the Institute of Electrical and Electronic Engineers. These societies of the IEEE are in the Orlando Section: Aerospace and Electronic Systems, Communications, Computer, Microwave Theory and Techniques, Power Engineering and Industrial Applications, ~~and Vehicular Technology~~. Antennas and Propagation, and Electron Devices.

CIRCULATION: ~~975~~, 875 in the greater Orlando area.
1100 ; 950

ADVERTISING RATES: Black and white, per insertion, effective Sept. 1, 1982 °

Size:	Inches:	1-2 insertions	3-10 insertions, same copy
One page	5 x 8	\$65.00	\$ 60.00
3/4 page	5 x 6	55 50.00	50.00
1/2 page	5 x 4	40 35.00	35.00
1/4 page	5 x 2	25 20.00	20.00

Photograph half-tones: \$10.00

CLOSING DATES:

Please make space reservations by the first of the month preceding publication. Black and white, positive copy should be received by the tenth of the month preceding publication.

Contact: William A. Kownacki
Repco, Inc.
2421 North Orange Blossom Trail
Orlando, FL 32804
(305) 843-8484 x354

WELCOME TO NEW MEMBERS

The Orlando Section welcomes the following IEEE MEMBERS:

Recently elected to membership:

John A. McElver
487 Marla Ave.
Longwood, FL 32750

Widawadee Songprasit
1348 Sterling Oak Dr.
Casselberry, FL 32707

Donald M. Powers
450 Beloit Ave.
Winter Park, FL 32789

Alan G. Williams
8720 Harbor View Dr.
Orlando, FL 32817

Moving into the Orlando Section:

Sidney Cave
4753-G Walden Cir.
Orlando, FL 32805

Richard D. Monr
614 N. Semoran Blvd, Apt. 7
Winter Park, FL 32792

H. I. Hellman
5614 Minaret Ct.
Orlando, FL 32809

Timothy T. Nash
5625 Birr Ct.
Orlando, FL 32809

Richard E. Little
P. O. Box 13295A
Orlando, FL 32859

Colin L. Robinson
Perkin-Elmer
5749 Major Blvd., Suite 355
Orlando, FL 32805