



THE INSTITUTE OF  
ELECTRICAL AND  
ELECTRONICS  
ENGINEERS, INC.

76-77

GROUP CHAPTER CORRESPONDENCE  
IEEE EXECUTIVE COMMITTEE MINUTES

~~4~~ MARCH 1977  
5 APRIL

The meeting was called to order at 5:30 P.M. at the Florida Power Facility at 510 Park Avenue in Winter Park by section Chairman Ed McCarter.

Attendees were:

Ed McCarter  
Mannie Connell  
Bill Cram  
Mel Kelch  
Dr. Herb Towle

Chairman  
Acting Secretary for Russ Theisen  
Group Chapter Representative  
Membership Chairman  
Power Engineering Society &  
Industrial Applications Group Cha:  
Publications Chairman  
Student Branch Chairman

Leo A. Mallette  
Stan Francis

A Quorum was declared present by Ed McCarter and Bill Cram.

1. Power Engineering Society memo was introduced and discussed. Herb Towle informed the committee that Frank A. Jenkins Bill H.R. 3153 to phase out nuclear Power Generation was opposed by the Power Society's memo Dated March 12, 1977.
2. Leo Mallette reported on the need for increasing the advertising in the Section Notes. Printing costs have been reduced but the budget will be exceeded unless advertising is increased. He asked that everyone forward any advertising leads to him. A.S.A.P.
3. Stan Francis reported on the F.T.U. Engineering Fair held on February 25-26, 1977 sponsored by the IEEE Student Branch. Copies of the Brochure were distributed.
4. Mel Kelch reported that the Orlando Section had 611 members. The increase was attributed to the V.T.G. Conference membership drive.



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5. Ed McCarter discussed the membership goals and long range plans from the National Executive Committee. He distributed membership brochures.
6. Mel Kelch reported that the V.T.G. Conference was a success but that all figures were not in as yet.
7. Bill Cram reported that he was not in a position where his company could support him as an IEEE Regional Director. Therefore, Bill was forced to turn down the acceptance the offer made by Sam Bell for the Regional Directors position.
8. Ed McCarter adjourned the meeting at 5:58 P.M.

Respectfully Submitted,

Mannie Connell, Acting Secretary for  
Russell E. Theisen, Section Secretary

*Russell E. Theisen*

P.S. The attached sheets are part of the 1976 annual report on membership activity and should be of interest to the executive committee.

Russ Theisen

Table 1 - Group/Society Membership, December 31, 1976; 3-Year Comparison

Code No.	Group/Society Name	Students	Other Grades	1976 Total	1975 Total	1974 Total
1	Acoustics, Speech & Signal Processing	1,593	4,634	6,227	6,012	5,704
2	Broadcast, Cable and Consumer Electronics	1,288	4,850	6,138	5,437	2,202
3	Antennas & Propagation	851	3,782	4,633	4,591	4,326
4	Circuits & Systems	3,128	7,491	10,619	10,426	9,697
5	Nuclear & Plasma Sciences	508	2,165	2,673	2,804	2,601
6	Vehicular Technology	261	2,291	2,552	2,595	2,523
7	Reliability	167	2,320	2,487	2,488	2,353
8	* Consumer Electronics					3,343
9	Instrumentation & Measurement	831	4,314	5,145	4,922	4,525
10	Aerospace & Electronic Systems	979	5,852	6,831	6,668	6,436
12	Information Theory	1,067	3,755	4,822	4,928	5,046
13	Industrial Electronics & Control Instrumentation	930	4,280	5,210	4,588	3,908
14	Engineering Management	811	5,834	6,645	6,552	6,110
15	Electron Devices	1,902	6,589	8,491	8,190	7,941
16	Computer	5,563	19,410	24,973	22,798	19,763
17	Microwave Theory & Techniques	1,082	5,062	6,144	6,251	6,155
18	Engineering in Medicine & Biology	2,268	5,499	7,767	7,556	7,009
19	Communications	2,560	9,227	11,787	11,504	10,565
20	Sonics & Ultrasonics	335	1,627	1,962	1,847	1,590
21	Parts, Hybrids & Packaging	175	1,672	1,847	1,926	1,867
23	Control Systems	1,849	5,593	7,442	7,428	7,033
25	Education	260	1,938	2,198	2,087	2,047
26	Professional Communication	226	1,290	1,516	1,552	1,636
27	Electromagnetic Compatibility	118	1,500	1,618	1,612	1,566
28	Systems, Man & Cybernetics	1,329	3,934	5,263	5,394	5,127
29	Geoscience Electronics	175	1,103	1,278	1,242	1,296
31	Power Engineering	1,805	17,896	19,701	19,564	18,527
32	Electrical Insulation	111	1,321	1,432	1,475	1,412
33	Magnetics	222	1,819	2,041	2,070	2,025
34	Industry Applications	774	8,127	8,901	8,251	7,461
35	Manufacturing Technology	97	1,118	1,215	1,273	1,270
	Totals	33,265	146,293	179,558	174,031	163,064
	Students enrolled in Groups/Societies			13,996	13,220	11,262
	Other grades enrolled in Groups/Societies			94,260	93,417	86,223

\*The Consumer Electronics Group merged with the Broadcasting Group in 1975.

• ORLANDO SECTION

## SECTION

## ORGANIZATIONAL UNITS OF THE IEEE, BY REGION - As of December 31, 1976

Region Number:	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>Total</u>
<u>1976</u>											
Sections	22	25	42	23	21	36	17	18	14	11	229
Subsections	6	3	7	6	6	5	1	-	7	5	46
Chapters	106	87	52	59	57	99	31	8	8	20	527 *
Affiliations & Councils	1	1	2	-	-	2	3	-	2	1	12
Student Branches	72	52	55	48	44	58	38	33	31	12	443
<u>1975</u>											
Sections	22	24	42	23	21	36	17	18	14	8	225
Subsections	6	4	7	6	6	5	1	-	5	7	47
Chapters	106	88	50	60	57	90	28	6	8	19	512 *
Affiliations & Councils	1	-	2	-	-	2	3	-	2	-	10
Student Branches	71	50	53	47	43	58	37	31	37	9	436
<u>1974</u>											
Sections	23	24	41	23	21	33	18	18	13	8	222
Subsections	6	4	7	6	6	10	-	-	4	6	49
Chapters	107	88	46	58	56	94	28	6	8	17	508 *
Affiliations & Councils	1	-	2	-	-	1	3	-	1	-	8
Student Branches	75	50	52	47	45	57	40	33	36	8	443
<u>1973</u>											
Sections	23	24	41	23	21	32	18	18	11	6	217
Subsections	7	4	8	5	7	12	-	-	2	4	49
Chapters	107	89	48	61	56	93	30	6	6	13	509 *
Affiliations & Councils	1	-	2	-	-	1	3	-	1	-	8
Student Branches	75	51	47	47	46	57	39	31	31	4	428

\* Joint Chapters of two or more Sections or two or more Group/Societies are counted as one Chapter.

## SECTION A

TABLE 8 - IEEE Membership by Region, by Section and Subsection, by Grade  
December 31, 1976

## REGION 3

Section	H	F	SM	M	A	Subtotal	S	Subtotal	Section Total
Alabama		5	147	477	17	646	172		818
Atlanta		21	163	931	91	1206	248	1454	1514
Rome			16	35	4	55	5	60	
Baton Rouge		1	19	171	1	192	115		307
Broward		19	66	322	46	453	19		472
Canaveral		8	70	459	25	562	44		606
Central North Carolina			29	159	8	196	15		211
Central Savannah River		1	6	61	6	74	3		77
Central Virginia		14	72	285	12	383	50		433
Charlotte		6	91	290	62	449	87		536
Chattanooga		7	57	189	17	270	19		289
Coastal South Carolina		2	29	136	10	177	101		278
Columbia		2	36	167	7	212	49		261
Daytona		4	26	85		115	5		120
Eastern North Carolina		15	76	469	68	628	221	849	896
Lower Cape Fear			6	33	2	41	6	47	
East Tennessee		5	64	320	13	402	115	517	595
Upper East Tennessee		1	11	52	4	68	10	78	
Evansville-Owensboro		1	27	126	7	161	62	223	263
Paducah			1	30	5	36	4	40	
Florida West Coast		69	203	731	48	1051	51		1102
Fort Walton			10	108	3	121	6		127
Gainesville		11	26	119	1	157	82		239
Hampton Roads		3	53	398	21	475	99		574
Huntsville		3	55	519	18	595	28	623	668
Muscle Shoals			6	35	2	43	2	45	
Jacksonville			39	128	13	180	6		186
Lexington		1	19	146	2	168	53		221
Louisville		2	46	250	11	309	78		387
Memphis			44	180	43	267	104	371	432
Jackson			5	40	7	52	9	61	
Miami		10	103	510	60	683	42		725
Middle Tennessee			20	52	2	74	6		80
Mississippi			23	214	8	245	47	292	398
Northeast Mississippi		1	8	46	1	56	50	106	
Mobile			14	127	10	151	34		185
Nashville		4	50	180	11	245	90		335
New Orleans		4	97	509	29	639	95		734
Oak Ridge		3	34	107	2	146	19		165
Orlando		13	91	438	33	575	30		605
Palm Beach		21	67	256	46	390	38		428
Panama City		2	12	83	4	101	5		106
Pensacola		1	5	81	6	93	10		103
Piedmont		4	33	188	29	254	97		351
Richmond		3	45	311	20	379	14		393
Savannah			17	43	5	65	6		71
Virginia Mountain		6	80	229	11	326	164		490
Western North Carolina		7	22	69	8	106	6		112
Winston-Salem		1	32	104	10	147	10		157
TOTALS		281	2,271	10,998	869	14,419	2,631		17,050

## SECTION C

TABLE 2 - GROUP/SOCIETY MEMBERSHIP, BY REGION, BY SECTION, BY GROUP AND SOCIETY - 1976

REGION 3	Total G/S Members	Total Affiliates	ASIP 1	BCCE 2	AF 3	CAS 4	NPS 5	VT 6	R 7	IM 9	AES 10	IT 12	IECI 13	EM 14	ED 15	COMP 16	MTT 17	EMB 18	COM 19	SU 20	PHP 21	CS 23	Ed 25	PC 26	EMC 27	SMC 28	GeoS 29	PE 31	EI 32	MAG 33	LA 34	MfGT 35	
Section																																	
Alabama	606	11	15	15	7	23	3	5	4	7	10	3	10	14	14	(91)	6	32	72	2	2	28	19	2	-	13	1	160	4	4	41	1	
Atlanta	1464	12	58	54	72	75	12	17	7	45	56	24	38	56	34	(179)	57	43	124	6	9	49	21	15	19	42	8	220	11	8	102	5	
Baton Rouge	176	-	7	4	1	8	3	-	-	6	2	1	7	5	8	13	2	8	12	-	-	10	7	-	-	4	2	30	-	2	34	-	
Broward	302	1	6	12	4	18	2	12	5	5	8	3	5	29	15	40	6	6	19	7	11	2	3	4	2	6	2	46	2	7	10	5	
Canaveral	448	3	20	17	22	18	6	6	13	10	37	21	4	19	29	73	21	11	54	9	3	9	-	3	3	3	6	24	-	1	5	1	
Central North Carolina	107	1	4	5	2	7	-	3	4	2	1	4	6	10	-	23	1	-	7	-	1	5	1	1	-	1	-	5	2	-	10	2	
Central Savannah River	57	-	4	2	-	7	1	-	-	1	4	-	2	1	-	6	-	7	4	2	-	4	-	1	-	3	-	4	-	-	4	-	
Central Virginia	424	3	10	11	9	18	9	27	5	13	9	13	16	20	12	48	11	16	31	6	8	29	11	6	4	17	1	41	3	3	13	4	
Charlotte	366	1	6	8	7	10	4	2	1	7	7	-	17	12	5	20	4	10	35	-	1	11	4	1	1	2	-	142	8	3	36	2	
Chattanooga	184	1	5	6	1	3	-	1	-	1	1	-	2	4	1	7	1	2	12	-	-	4	1	1	-	3	-	112	3	1	11	1	
Coastal South Carolina	99	-	2	7	2	4	4	2	-	2	3	1	4	4	3	14	1	7	5	-	1	3	4	-	2	3	-	18	-	-	3	-	
Columbia	151	2	2	4	2	4	2	7	1	1	-	2	2	13	10	31	3	4	10	2	3	6	3	3	-	6	-	13	1	1	15	-	
Daytona	61	-	-	1	2	2	-	-	-	2	6	1	2	4	2	7	1	1	9	-	-	2	1	2	2	1	1	9	-	-	3	-	
Eastern North Carolina	877	15	35	41	24	51	11	8	6	30	37	24	24	22	32	(170)	28	58	74	5	4	32	9	8	2	29	5	74	1	4	21	4	
East Tennessee	434	3	13	20	5	26	20	-	5	16	9	4	18	11	7	62	4	14	17	1	3	23	1	1	-	11	2	101	3	1	35	1	
Evansville-Owensboro	178	-	7	9	3	16	3	1	2	6	4	2	8	7	8	22	6	6	6	-	4	7	3	2	-	4	-	27	-	2	12	1	
Florida West Coast	844	6	20	35	12	39	10	11	22	20	35	20	26	36	15	(106)	31	29	69	4	11	29	7	6	8	14	5	163	7	5	46	3	
Fort Walton	55	-	3	1	1	2	1	1	1	1	7	3	1	3	-	11	1	-	4	-	1	4	-	1	2	-	-	3	1	2	-	-	
Gainesville	293	5	17	9	4	29	6	2	1	5	7	4	3	3	21	54	3	17	30	-	1	13	6	-	3	10	3	26	1	3	9	3	
Hampton Roads	505	8	18	32	15	37	7	4	5	17	22	7	11	25	18	95	10	23	46	3	4	30	8	-	7	14	5	25	2	4	11	-	
Huntsville	519	16	20	13	22	30	9	4	16	13	47	12	10	26	13	(108)	20	16	25	3	6	54	3	1	2	10	4	12	1	4	13	2	
Jacksonville	121	-	3	2	3	8	2	3	-	2	-	-	3	4	1	10	2	4	6	-	-	-	1	1	-	-	1	47	2	-	16	-	
Lexington	181	2	13	9	6	13	1	-	-	2	4	3	2	9	7	28	2	14	6	3	1	8	1	1	2	6	2	20	2	2	14	-	
Louisville	249	3	7	10	5	19	2	5	1	5	3	2	9	11	6	29	6	20	15	1	3	9	4	-	1	11	-	31	-	1	31	2	
Memphis	283	6	2	8	5	13	3	5	3	4	6	5	7	6	9	32	5	32	16	2	1	10	6	4	2	10	4	57	3	2	18	3	
Miami	626	3	14	14	7	26	12	6	10	26	13	7	16	45	12	67	9	52	39	5	4	9	7	3	2	13	5	167	3	4	27	2	
Middle Tennessee	53	1	-	1	1	4	2	-	-	3	6	-	1	-	3	8	1	4	2	-	-	2	1	-	-	1	-	6	-	-	7	-	
Mississippi	337	3	13	11	28	13	7	4	2	5	6	8	10	9	10	44	22	9	30	3	3	13	3	4	7	6	4	51	2	3	5	2	
Mobile	98	-	5	5	2	5	-	-	-	2	3	-	8	9	-	11	-	4	6	1	-	5	1	-	1	3	-	15	-	-	12	-	
Nashville	343	6	13	14	5	21	6	6	-	3	9	8	10	11	8	35	5	38	18	6	7	18	3	1	-	13	4	46	4	4	26	1	
New Orleans	489	2	13	17	11	16	8	6	2	14	16	7	15	17	10	45	10	20	58	2	-	21	3	5	6	4	4	119	-	1	39	-	
Oak Ridge	130	5	1	2	1	5	40	-	1	4	1	1	4	5	5	17	3	6	4	-	1	3	-	-	-	2	1	16	1	2	4	-	
Orlando	507	3	20	12	11	29	12	21	6	6	39	12	10	19	21	86	21	9	62	5	5	22	2	6	8	8	3	26	1	3	15	7	
Palm Beach	239	-	6	14	3	13	1	4	3	3	3	4	7	13	12	39	5	6	12	2	2	5	3	2	4	4	1	48	2	3	10	5	
Panama City	55	1	3	3	-	3	1	-	-	2	2	-	-	1	3	10	-	4	3	2	-	1	-	-	-	1	2	9	-	1	4	-	
Pensacola	82	-	3	3	1	3	-	-	-	4	4	1	5	3	1	22	1	5	1	1	-	7	1	-	-	2	1	10	-	-	3	-	
Piedmont	184	1	10	5	4	8	-	1	1	2	4	3	6	7	4	30	2	9	8	-	4	8	6	1	-	4	1	27	2	1	25	1	
Richmond	293	2	6	9	7	12	3	3	3	12	11	3	14	12	4	50	5	9	18	1	-	11	3	2	4	5	3	61	2	1	16	3	
Savannah	22	-	1	3	-	-	-	-	-	-	-	-	1	-	2	2	-	-	-	-	1	-	-	-	-	-	-	7	1	-	4	-	
Virginia Mountain	385	2	9	16	9	18	9	5	1	6	7	6	25	16	8	55	10	11	22	-	1	27	3	3	-	7	1	54	1	4	48	3	
Western North Carolina	85	2	2	7	3	4	1	1	1	1	1	2	5	2	3	7	3	1	3	1	2	1	4	1	-	3	1	11	1	3	10	-	
Winston-Salem	73	-	3	5	-	4	-	1	-	1	3	2	5	4	-	11	1	8	6	3	1	-	1	4	2	-	1	5	-	-	1	1	
TOTALS	12,985	130	421	476	329	664	223	184	132	317	453	223	379	527	376	1818	330	575	1000	88	109	534	165	96	96	200	-	-	-	-	-	-	