

ANNUAL REPORT OF THE SECRETARY

1988



THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, Inc.

345 East 47th Street, New York, N.Y. 10017, U.S.A



IEEE

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.
345 EAST 47TH STREET, NEW YORK, N.Y. 10017-2394, U.S.A. TELEX 236411

To the Board of Directors of
The Institute of Electrical and Electronics Engineers, Inc.

Dear Members of the Board:

Part I of the Report of the Secretary for 1988 is presented herewith. It contains information on:

IEEE Membership Statistics
Student Branch Membership Statistics
Society Membership and Chapter Statistics
Society Affiliate Statistics
Member Technical Interest and IEEE Meeting/Conference Activity
Organization Statistics
Publications Statistics
Educational Activities Statistics

Part II of the Report contains annual reports of the Institute's Boards and Committees, on file in Headquarters, the contents of which are summarized in various issues of THE INSTITUTE.

Respectfully submitted,

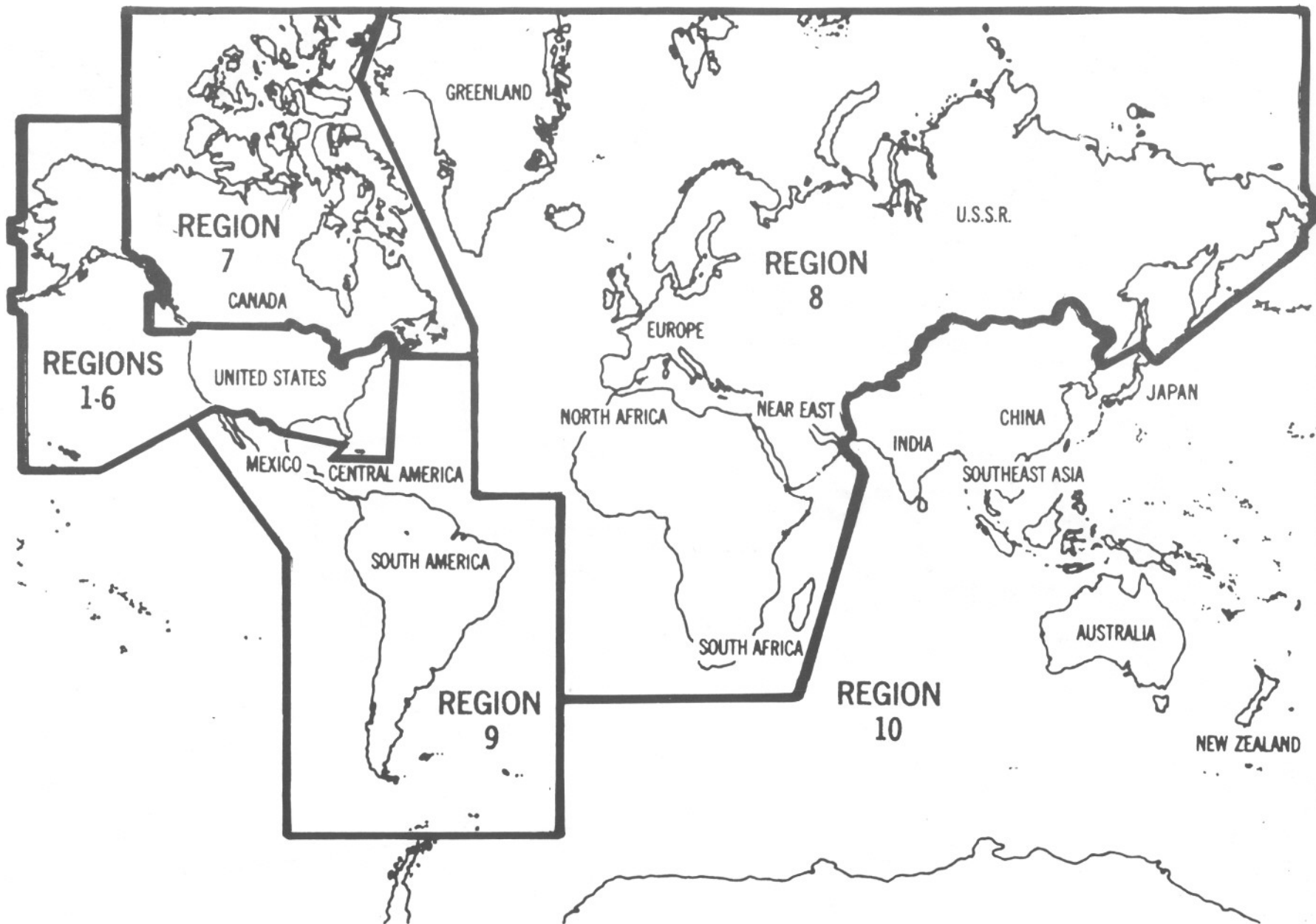
Wallace S. Read
Secretary, 1988

February 1989

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SECTION A

TABLE 1 - IEEE MEMBERSHIP BY REGION AND GRADE
DECEMBER 31, 1988

	<u>H</u>	<u>F</u>	<u>SM</u>	<u>M</u>	<u>VOTING</u> <u>MEMBERS</u>	<u>A</u>	<u>HIGHER GRADE</u> <u>SUBTOTAL</u>	<u>S</u>	<u>TOTAL</u> <u>MEMBERSHIP</u>	<u>% OF</u> <u>TOTAL</u>
REGION 1	3	1,005	4,637	36,315	41,960	4,553	46,513	6,886	53,399	17.5
REGION 2	1	602	3,652	26,439	30,694	2,534	33,228	5,429	38,657	12.7
REGION 3		388	3,018	21,289	24,695	1,967	26,662	5,850	32,512	10.7
REGION 4	1	263	1,972	18,159	20,395	1,826	22,221	6,167	28,388	9.3
REGION 5	1	224	1,941	19,431	21,597	1,421	23,018	5,148	28,166	9.3
REGION 6	5	795	4,769	42,429	47,998	3,727	51,725	6,703	58,428	19.3
REG 1-6 SUBTOTAL	11	3,277	19,989	164,062	187,339	16,028	203,367	36,183	239,550	78.8
REGION 7		114	889	9,160	10,163	1,511	11,674	3,995	15,669	5.1
REGION 8	1	253	1,477	12,690	14,421	1,843	16,264	3,914	20,178	6.6
REGION 9		12	292	3,243	3,547	587	4,134	2,712	6,846	2.2
REGION 10	2	196	1,201	13,566	14,965	1,266	16,231	5,877	22,108	7.3
REG 7-10 SUBTOTAL	3	575	3,859	38,659	43,096	5,207	48,303	16,498	64,801	21.2
TOTAL	14	3,852	23,848	202,721	230,435	21,235	251,670	52,681	304,351	100.0
PERCENTAGE		1.3	7.8	66.6	75.7	7.0	82.7	17.3	100.0	

TABLE 2 - IEEE MEMBERSHIP BY REGION - 3 YEAR COMPARISON, 1986-1988

	<u>DECEMBER 31, 1988</u>		<u>DECEMBER 31, 1987</u>		<u>DECEMBER 31, 1986</u>	
	<u>NUMBER</u>	<u>% OF TOTAL</u>	<u>NUMBER</u>	<u>% OF TOTAL</u>	<u>NUMBER</u>	<u>% OF TOTAL</u>
REGION 1	53,399	17.5	53,079	18.1	52,071	18.4
REGION 2	38,657	12.7	37,985	13.0	36,551	12.9
REGION 3	32,512	10.7	31,318	10.7	30,425	10.8
REGION 4	28,388	9.3	27,928	9.5	27,655	9.8
REGION 5	28,166	9.3	27,515	9.4	27,183	9.6
REGION 6	58,428	19.3	57,089	19.5	55,037	19.5
REG 1-6 SUBTOTAL	239,550	78.8	234,914	80.2	228,922	81.0
REGION 7	15,669	5.1	15,029	5.1	14,713	5.2
REGION 8	20,178	6.6	17,894	6.1	16,354	5.8
REGION 9	6,846	2.2	6,123	2.1	5,392	1.9
REGION 10	22,108	7.3	19,169	6.5	17,327	6.1
REG 7-10 SUBTOTAL	64,801	21.2	58,215	19.8	53,786	19.0
TOTAL	304,351	100.0	293,129	100.0	282,708	100.0

SECTION A

TABLE 3 - IEEE LIFE MEMBERS BY GRADE -- 3 YEAR COMPARISON

	<u>DEC. 31, 1988</u>	<u>DEC. 31, 1987</u>	<u>DEC. 31, 1986</u>
FELLOW	1,771	1,730	1,697
SENIOR MEMBER	7,596	7,116	6,633
MEMBER	6,469	5,685	4,982
ASSOCIATE	<u>593</u>	<u>534</u>	<u>463</u>
TOTAL	16,429	15,065	13,775

TABLE 4 - IEEE WOMEN MEMBERS BY GRADE -- 3 YEAR COMPARISON

	<u>DEC. 31, 1988</u>	<u>DEC. 31, 1987</u>	<u>DEC. 31, 1986</u>
FELLOW	13	13	13
SENIOR MEMBER	150	136	128
MEMBER	9,666	9,230	8,610
ASSOCIATE	1,191	1,034	1,141
STUDENT	<u>6,142</u>	<u>5,986</u>	<u>5,821</u>
TOTAL	17,162	16,399	15,713

TABLE 5 -- IEEE MEMBERSHIP BY GRADE, 1963 - 1988

<u>YEAR</u>	<u>H</u>	<u>F</u>	<u>SM</u>	<u>M</u>	<u>VOTING MEMBERS</u>	<u>A</u>	<u>HIGHER GRADE SUBTOTAL</u>	<u>S</u>	<u>TOTAL</u>
1963	5	2,589	26,274	82,750	111,618	14,215	125,833	28,676	154,509
1964	5	2,598	26,182	87,435	116,220	13,682	129,902	24,076	153,978
1965	5	2,682	26,387	87,916	116,990	12,949	129,939	24,259	154,198
1966	5	2,759	26,254	97,834	126,852	14,114	140,966	19,104	160,070
1967	4	2,817	25,411	94,746	122,978	12,991	135,969	22,248	158,217
1968	4	2,885	25,023	97,326	125,238	13,200	138,438	23,930	162,368
1969	4	2,917	24,815	101,058	128,794	13,235	142,029	24,319	166,348
1970	4	2,951	24,229	104,053	131,237	13,138	144,375	24,684	169,059
1971	4	3,004	23,802	105,919	132,729	12,766	145,495	20,987	166,482
1972	4	3,019	23,281	108,725	135,029	11,984	147,013	20,210	167,223
1973	4	3,017	22,561	108,854	134,436	11,210	145,646	22,169	167,815
1974	3	3,061	22,422	115,287	140,773	10,955	151,728	21,795	173,523
1975	2	3,058	22,133	119,567	144,760	10,738	155,498	24,318	179,816
1976	2	3,038	21,470	118,507	143,017	10,239	153,256	25,360	178,616
1977	2	3,087	21,207	122,839	147,135	10,603	157,738	25,283	183,021
1978	1	3,238	21,256	126,168	150,663	11,068	161,731	29,643	191,374
1979	1	3,308	21,442	133,775	158,526	11,908	170,434	31,239	201,673
1980	1	3,362	21,742	141,411	166,516	12,514	179,030	34,782	213,812
1981	3	3,406	21,818	147,085	172,312	12,197	184,509	37,238	221,747
1982	6	3,465	22,076	156,240	181,787	12,138	193,925	40,151	234,076
1983	9	3,485	23,044	163,951	190,489	12,730	203,219	45,056	248,275
1984	11	3,547	23,437	173,714	200,709	14,529	215,238	47,413	262,651
1985	12	3,593	23,520	181,438	208,563	17,187	225,750	47,950	273,700
1986	13	3,678	23,704	188,939	216,334	18,483	234,817	47,891	282,708
1987	15	3,748	23,719	198,472	225,954	17,965	243,919	49,210	293,129
1988	14	3,852	23,848	202,721	230,435	21,235	251,670	52,681	304,351

SECTION A

TABLE 6 - IEEE MEMBERSHIP CHANGES, BY GRADE, DURING CALENDAR YEAR 1988, 3-YEAR COMPARISON

	<u>H</u>	<u>F</u>	<u>SM</u>	<u>M</u>	<u>A</u>	<u>HIGHER GRADE SUBTOTAL</u>	<u>S</u>	<u>TOTAL</u>
ACTIVE MEMBERSHIP 12/31/87	15	3,748	23,719	198,472	17,965	243,919	49,210	293,129
ADDITIONS								
ELECTIONS	1	1	208	13,828	815	14,853	31,028	45,881
DUES ARREARS PAID		125	1,037	18,032	1,800	20,994	4,022	25,016
REINSTATEMENTS		7	54	1,364	155	1,580	461	2,041
TRANSFERS TO		<u>309</u>	<u>1,343</u>	<u>26,644</u>	<u>6,428</u>	<u>34,724</u>	<u>4,555</u>	<u>39,279</u>
TOTAL ADDITIONS	<u>1</u>	<u>442</u>	<u>2,642</u>	<u>59,868</u>	<u>9,198</u>	<u>72,151</u>	<u>40,066</u>	<u>112,217</u>
DELETIONS								
RESIGNATIONS		1	21	256	40	318	26	344
DECEASED	2	82	234	245	18	581	8	589
DUES ARREARS		147	1,335	42,895	5,324	49,701	11,082	60,783
TRANSFERS FROM		<u>108</u>	<u>923</u>	<u>12,223</u>	<u>546</u>	<u>13,800</u>	<u>25,479</u>	<u>39,279</u>
TOTAL DELETIONS	<u>2</u>	<u>338</u>	<u>2,513</u>	<u>55,619</u>	<u>5,928</u>	<u>64,400</u>	<u>36,595</u>	<u>100,995</u>
ACTIVE MEMBERSHIP 12/31/88	14	3,852	23,848	202,721	21,235	251,670	52,681	304,351
GAIN/LOSS	-1	+104	+129	+4,249	+3,270	+7,751	+3,471	+11,222
NET ARREARS	-	22	298	24,863	3,524	28,707	7,060	35,767

	<u>DECEMBER 31, 1988</u>	<u>DECEMBER 31, 1987</u>	<u>DECEMBER 31, 1986</u>
ADDITIONS			
ELECTIONS	45,881	40,086	40,859
REINSTATEMENTS	2,041	2,095	1,980
DUE ARREARS PAID	<u>25,016</u>	<u>22,997</u>	<u>23,754</u>
TOTAL ADDITIONS	72,938	68,178	66,593
DELETIONS			
RESIGNATIONS	344	1,239	752
DECEASED	589	601	580
DUES ARREARS	<u>60,783</u>	<u>55,917</u>	<u>56,253</u>
TOTAL DELETIONS	+61,716	57,759	57,585
NET GAIN/LOSS	+11,222	+10,421	+11,049

SECTION A

TABLE 7 - IEEE MEMBERSHIP BY REGION, SECTION, SUBSECTION AND COUNCIL, BY GRADE
DECEMBER 31, 1988

REGION 1

GEO CODE R C S SS	SECTION/SUBSECTION	H	F	SM	M	A	HIGHER GRADE		SUBSECTION TOTAL	SECTION TOTAL
							SUBTOTAL	S		
01 00 01	BERKSHIRE		14	61	155	9	239	14		253
01 00 03	BINGHAMTON		5	79	596	70	750	96		846
01 01 05	BOSTON (CNEC)	2	213	876	7840	835	9766	1184		10950
01 01 05 03	MERRIMACK VALLEY (CNEC)		(18)	(125)	(1526)	(156)	(1825)	(151)	(1976)	
01 01 05 01	NORTHSORE (CNEC)		(7)	(38)	(310)	(29)	(384)	(41)	(425)	
01 00 07	BUFFALO		5	108	658	80	851	292		1143
01 00 09	CONNECTICUT		49	367	2957	410	3783	471		4254
01 00 09 05	DANBURY		(9)	(90)	(804)	(91)	(994)	(77)	(1071)	
01 00 09 03	NEW LONDON		(5)	(36)	(362)	(32)	(435)	(56)	(491)	
01 00 13	ITHACA		20	26	160	12	218	209		427
01 03 15	LONG ISLAND (METSAC)		71	413	3022	401	3907	295		4202
01 01 17	MAINE (CNEC)		4	52	377	35	468	103		571
01 00 19	MID-HUDSON		21	121	1028	102	1272	98		1370
01 00 21	MOHAWK VALLEY		12	69	472	42	595	223		818
01 00 21 01	ST. LAWRENCE INT'L		(3)	(12)	(87)	(13)	(115)	(160)	(275)	
01 01 23	NEW HAMPSHIRE (CNEC)		18	128	1299	162	1607	164		1771
01 00 45	NEW JERSEY COAST		94	316	2212	198	2820	155		2975
01 03 25	NEW YORK (METSAC)		95	478	4243	895	5711	1220		6931
01 03 25 03	WESTCHESTER		(56)	(198)	(1422)	(199)	(1875)	(119)	(1994)	
01 03 27	NORTH JERSEY (METSAC)	1	135	566	4095	506	5303	521		5824
01 03 29	PRINCETON (METSAC)		78	245	2103	279	2705	457		3162
01 01 31	PROVIDENCE (CNEC)		19	101	1103	100	1323	216		1539
01 00 33	ROCHESTER		10	106	1063	128	1307	256		1563
01 00 35	SCHENECTADY		92	249	748	64	1153	236		1389
01 00 37	SPRINGFIELD		9	33	304	33	379	184		563
01 00 39	SYRACUSE		26	125	687	53	891	166		1057
01 00 41	VERMONT		7	47	384	49	487	145		632
01 01 43	WORCESTER COUNTY (CNEC)		8	71	809	90	978	181		1159
	<u>REGION 1 TOTALS</u>	3	1005	4637	36315	4553	46513	6886		53399
	<u>COUNCIL TOTALS</u>									
01 01	CENTRAL NE COUNCIL (CNEC)	2	262	1228	11428	1222	14142	1848		15990
01 03	METRO SEC ADV COUNCIL (METSAC)	1	379	1702	13463	2081	17626	2493		20119

SECTION A

TABLE 7 - IEEE MEMBERSHIP BY REGION, SECTION, SUBSECTION AND COUNCIL, BY GRADE
DECEMBER 31, 1988

REGION 2

GEO CODE R C S SS	SECTION/SUBSECTION	H	F	SM	M	A	HIGHER GRADE		SUBSECTION TOTAL	SECTION TOTAL
							SUBTOTAL	S		
02 00 01	AKRON		5	56	401	30	492	105		597
02 00 21	ALLEGHENY MOUNTAIN		1	8	45	8	62	4		66
02 00 03	BALTIMORE		38	369	3332	262	4001	313		4314
02 00 03 01	ANNAPOLIS		(12)	(90)	(972)	(72)	(1146)	(60)	(1206)	
02 00 05	CANTON			19	140	15	174	67		241
02 00 07	CENTRAL PENNSYLVANIA		12	61	287	11	371	421		792
02 00 09	CINCINNATI		11	63	627	56	757	126		883
02 00 11	CLEVELAND		27	168	1263	97	1555	282		1837
02 00 13	COLUMBUS		23	164	949	190	1326	508		1834
02 00 13 05	ZANESVILLE			(6)	(16)	(6)	(28)	(7)	(35)	
02 00 15	DAYTON		14	134	1157	104	1409	174		1583
02 00 17	DELAWARE BAY		4	51	370	33	458	70		528
02 00 47	EASTERN SHORE		3	21	99	15	138	16		154
02 00 23	ERIE		4	41	132	11	188	67		255
02 00 25	JOHNSTOWN		1	23	127	13	164	30		194
02 00 27	LEHIGH VALLEY		30	155	1117	133	1435	263		1698
02 00 29	LIMA		3	16	85	9	113	61		174
02 00 31	NORTH CENTRAL OHIO			11	50	10	71	8		79
02 01 49	NORTHERN VIRGINIA (NCAC)		63	475	4408	422	5368	399		5767
02 00 33	OHIO VALLEY			7	58	3	68	15		83
02 00 35	PHILADELPHIA			121	619	4348	398	5486	835	6321
02 00 37	PITTSBURGH	1	69	372	1825	157	2424	675		3099
02 00 37 01	UPPER MONONGAHELA		(2)	(14)	(85)	(8)	(109)	(73)	(182)	
02 00 39	SHARON		2	24	146	13	185	91		276
02 00 41	SOUTHERN NEW JERSEY		4	20	146	11	181	21		202
02 00 43	SUSQUEHANNA		9	65	518	89	681	97		778
02 01 19	WASHINGTON (NCAC)		157	696	4669	431	5953	734		6687
02 01 19 01	WESTERN MARYLAND (NCAC)		(1)	(11)	(162)	(26)	(200)	(12)	(212)	
02 00 45	WEST VIRGINIA		1	14	140	13	168	47		215
	<u>REGION 2 TOTALS</u>	1	602	3652	26439	2534	33228	5429		38657
	<u>COUNCIL TOTALS</u>									
02 01	NATL CAPITOL AREA COUNCIL NCAC		220	1171	9077	853	11321	1133		12454

SECTION A

TABLE 7 - IEEE MEMBERSHIP BY REGION, SECTION, SUBSECTION AND COUNCIL, BY GRADE
DECEMBER 31, 1988

REGION 3

GEO CODE R C S SS	SECTION/SUBSECTION	H	F	SM	M	A	HIGHER GRADE		SUBSECTION TOTAL	SECTION TOTAL
							SUBTOTAL	S		
03 00 01	ALABAMA		8	168	852	42	1070	362		1432
03 00 01 01	MONTGOMERY		(5)	(27)	(245)	(13)	(290)	(231)	(521)	
03 00 03	ATLANTA		36	273	2277	305	2891	911		3802
03 00 03 05	ATHENS			(10)	(46)	(2)	(58)	(6)	(64)	
03 00 03 01	ROME		(1)	(14)	(58)	(7)	(80)	(18)	(98)	
03 00 05	BATON ROUGE		3	22	256	14	295	57		352
03 05 89	BROWARD (FC)		16	71	573	72	732	57		789
03 05 07	CANAVERAL (FC)		2	29	259	25	315	16		331
03 00 93	CENTRAL GEORGIA		2	15	254	10	281	41		322
03 01 67	CENTRAL NORTH CAROLINA (NCC)		3	26	219	36	284	76		360
03 03 81	CENTRAL SAVANNAH RIVER (SCC)			9	176	15	200	21		221
03 09 09	CENTRAL VIRGINIA (VC)		21	76	393	31	521	110		631
03 01 69	CHARLOTTE (NCC)		5	106	571	92	774	226		1000
03 07 11	CHATTANOOGA (TC)		4	76	252	26	358	43		401
03 03 83	COASTAL SOUTH CAROLINA (SCC)		14	46	272	27	359	52		411
03 03 85	COLUMBIA (SCC)		2	44	312	29	387	76		463
03 05 77	DAYTONA (FC)		4	36	175	22	237	7		244
03 07 13	EAST TENNESSEE (TC)		11	101	514	44	670	169		839
03 01 71	EASTERN NORTH CAROLINA (NCC)		35	170	1730	184	2119	528		2647
03 01 71 01	LOWER CAPE FEAR (NCC)			(11)	(71)	(13)	(95)	(5)	(100)	
03 00 15	EVANSVILLE-OWENSBORO		1	23	260	20	304	94		398
03 00 15 01	PADUCAH			(6)	(56)	(5)	(67)	(22)	(89)	
03 05 17	FLORIDA WEST COAST (FC)		70	356	1425	147	1998	216		2214
03 05 17 01	SARASOTA-BRADENTON (FC)		(38)	(150)	(216)	(32)	(436)	(7)	(443)	
03 05 21	GAINESVILLE (FC)		18	39	207	8	272	166		438
03 09 23	HAMPTON ROADS (VC)		4	62	723	41	830	142		972
03 00 25	HUNTSVILLE		3	82	1219	82	1386	114		1500
03 05 27	JACKSONVILLE (FC)			39	206	30	275	44		319
03 00 97	JAMAICA			9	85	22	116	29		145
03 00 29	LEXINGTON		3	19	245	9	276	73		349
03 00 31	LOUISVILLE		2	44	291	13	350	168		518
03 07 33	MEMPHIS (TC)			30	296	40	366	210		576
03 07 33 01	JACKSON (TC)			(3)	(48)		(51)	(28)	(79)	
03 05 35	MIAMI (FC)		14	104	704	61	883	190		1073
03 07 37	MIDDLE TENNESSEE (TC)			31	81	2	114	9		123

SECTION A

TABLE 7 - IEEE MEMBERSHIP BY REGION, SECTION, SUBSECTION AND COUNCIL, BY GRADE
DECEMBER 31, 1988

REGION 3 (cont'd)

GEO CODE R C S SS	SECTION/SUBSECTION	H	F	SM	M	A	HIGHER GRADE		SUBSECTION TOTAL	SECTION TOTAL
							SUBTOTAL	S		
03 00 39	MISSISSIPPI		2	31	341	16	390	132		522
03 00 39 01	NE MISSISSIPPI		(1)	(11)	(72)	(1)	(85)	(100)	(185)	
03 00 41	MOBILE		19	171	8	198	75			273
03 07 43	NASHVILLE (TC)		9	52	383	32	476	229		705
03 00 45	NEW ORLEANS		2	101	626	41	770	111		881
03 07 49	OAK RIDGE (TC)		4	30	155	6	195	11		206
03 05 51	ORLANDO (FC)		11	129	907	70	1117	132		1249
03 05 53	PALM BEACH (FC)		25	116	762	99	1002	75		1077
03 05 57	PENSACOLA (FC)			27	325	14	366	30		396
03 03 87	PIEDMONT (SCC)		6	51	391	25	473	154		627
03 09 59	RICHMOND (VC)		6	62	529	35	632	26		658
03 00 61	SAVANNAH		2	8	58	5	73	6		79
03 05 95	SO BREVARD INDIAN RIVER (FC)		12	86	790	37	925	133		1058
03 05 55	TALLAHASSEE AREA (FC)		5	22	191	13	231	97		328
03 07 91	TRI CITIES (TC)		2	20	190	47	259	37		296
03 09 65	VIRGINIA MOUNTAIN (VC)		11	93	383	29	516	368		884
03 01 73	WESTERN NORTH CAROLINA (NCC)		9	41	132	16	198	7		205
03 01 75	WINSTON-SALEM (NCC)		<u>1</u>	<u>24</u>	<u>128</u>	<u>25</u>	<u>178</u>	<u>20</u>		<u>198</u>
	<u>REGION 3 TOTALS</u>		388	3018	21289	1967	26662	5850		32512
	<u>COUNCIL TOTALS</u>									
03 05	FLORIDA COUNCIL (FC)		177	1054	6524	598	8353	1163		9516
03 01	NO CAROLINA COUNCIL (NCC)		53	367	2780	353	3553	857		4410
03 03	SO CAROLINA COUNCIL (SCC)		22	150	1151	96	1419	303		1722
03 07	TENNESSEE COUNCIL (TC)		30	340	1871	197	2438	708		3146
03 09	VIRGINIA COUNCIL (VC)		42	293	2028	136	2499	646		3145

SECTION A

TABLE 7 - IEEE MEMBERSHIP BY REGION, SECTION, SUBSECTION AND COUNCIL, BY GRADE
DECEMBER 31, 1988

REGION 4

GEO CODE			SECTION/SUBSECTION					HIGHER GRADE		SUBSECTION	SECTION
R	C	S SS	H	F	SM	M	A	SUBTOTAL	S	TOTAL	TOTAL
04	00	01			22	154	11	187	92		279
04	00	45		2	40	343	56	441	128		569
04	00	03		5	60	345	32	442	70		512
04	00	05	1	46	91	515	27	680	423		1103
04	00	07		22	164	1190	138	1514	636		2150
04	00	07 01		(3)	(19)	(110)	(14)	(146)	(10)	(156)	
04	00	09		6	45	268	12	331	316		647
04	00	11		67	470	4712	558	5807	790		6597
04	00	11 03		(16)	(128)	(1569)	(201)	(1914)	(110)	(2024)	
04	00	11 05		(9)	(168)	(1582)	(170)	(1929)	(134)	(2063)	
04	00	13		5	50	357	32	444	87		531
04	00	15			20	165	9	194	32		226
04	00	17		1	33	189	22	245	21		266
04	00	19		9	62	387	30	488	243		731
04	00	33		4	24	253	30	311	96		407
04	00	21		19	157	1324	113	1613	460		2073
04	00	47			5	59	5	69	10		79
04	00	23		2	80	496	90	668	211		879
04	00	25		1	24	256	29	310	81		391
04	00	27			32	365	32	429	275		704
04	00	27 01			(11)	(95)	(8)	(114)	(242)	(356)	
04	00	49		1	15	197	5	218	232		450
04	00	29			18	258	15	291	59		350
04	00	31		2	18	118	12	150	62		212
04	00	35		45	248	2586	224	3103	957		4060
04	00	37		2	17	325	39	383	149		532
04	00	37 01		(1)	(3)	(39)	(4)	(47)	(6)	(53)	
04	00	39		2	47	322	44	415	136		551
04	00	41		22	173	2492	199	2886	524		3410
04	00	43			58	483	62	603	77		680
04	00	43 01			(16)	(137)	(17)	(170)	(49)	(219)	
				1	263	1972	18159	1826	22221	6167	28388

SECTION A

TABLE 7 - IEEE MEMBERSHIP BY REGION, SECTION, SUBSECTION AND COUNCIL, BY GRADE
DECEMBER 31, 1988

REGION 5

GEO CODE R C S SS	SECTION/SUBSECTION	H	F	SM	M	A	HIGHER GRADE		SUBSECTION TOTAL	SECTION TOTAL
							SUBTOTAL	S		
05 00 01	ARKANSAS		4	49	299	48	400	120		520
05 00 03	BEAUMONT		1	16	150	3	170	61		231
05 00 05	CENTRAL TEXAS		32	128	1879	140	2179	559		2738
05 00 07	CORPUS CHRISTI		1	20	196	27	244	84		328
05 00 09	DALLAS	1	33	315	3765	269	4383	257		4640
05 00 11	DENVER		55	313	2789	190	3347	721		4068
05 00 11 01	BLACK HILLS		(1)	(7)	(70)	(2)	(80)	(119)	(199)	
05 00 11 03	CENTENNIAL		(5)	(31)	(350)	(12)	(398)	(199)	(597)	
05 00 13	EL PASO		5	47	355	17	424	168		592
05 00 15	FORT WORTH		6	94	1329	79	1508	223		1731
05 00 45	GALVESTON BAY		2	34	557	26	619	61		680
05 00 17	HOUSTON		16	204	2216	215	2651	833		3484
05 00 17 01	FREEPORT			(9)	(70)	(2)	(81)	(2)	(83)	
05 00 19	KANSAS CITY		7	155	1066	121	1349	354		1703
05 00 19 01	SPRINGFIELD-JOPLIN		(1)	(17)	(94)	(12)	(124)	(14)	(138)	
05 00 41	LAFAYETTE		2	7	169	5	183	124		307
05 00 21	OKLAHOMA CITY		4	73	392	32	501	158		659
05 00 37	OZARK		2	31	123	9	165	69		234
05 00 23	PANHANDLE			18	105	11	134	3		137
05 00 39	PERMIAN BASIN			5	65	8	78	1		79
05 00 43	PIKES PEAK		5	48	788	37	878	124		1002
05 00 25	SAINT LOUIS		33	204	2047	101	2385	725		3110
05 00 25 01	ROLLA		(4)	(10)	(105)	(2)	(121)	(250)	(371)	
05 00 27	SHREVEPORT		2	29	234	11	276	95		371
05 00 27 01	MONROE			(1)	(40)	(1)	(42)	(6)	(48)	
05 00 29	SOUTH PLAINS		4	16	136	8	164	164		328
05 00 31	TULSA		7	83	429	51	570	153		723
05 00 35	WICHITA		3	52	342	13	410	91		501
	<u>REGION 5 TOTALS</u>	1	224	1941	19431	1421	23018	5148		28166

SECTION A

TABLE 7 - IEEE MEMBERSHIP BY REGION, SECTION, SUBSECTION AND COUNCIL, BY GRADE
DECEMBER 31, 1988

REGION 6

GEO CODE R C S SS	SECTION/SUBSECTION	H	F	SM	M	A	HIGHER GRADE		SUBSECTION TOTAL	SECTION TOTAL
							SUBTOTAL	S		
06 00 03	ALAMOGORDO-HOLLOMAN		1	7	41	2	51	2		53
06 00 05	ALASKA			14	216	28	258	42		300
06 00 05 03	FAIRBANKS			(9)	(40)	(2)	(51)	(35)	(86)	
06 00 01	ALBUQUERQUE		20	117	986	48	1171	169		1340
06 00 07	BOISE		1	22	200	12	235	6		241
06 01 09	BUENAVENTURA (LAC)		6	85	988	79	1158	53		1211
06 01 11	CHINA LAKE (LAC)			17	260	21	298	8		306
06 00 65	EASTERN MONTANA			7	53	1	61	17		78
06 01 13	FOOTHILL (LAC)		12	138	1068	118	1336	188		1524
06 00 15	FORT HUACHUCA			16	116	7	139	4		143
06 00 17	HAWAII		10	43	637	45	735	111		846
06 00 19	IDAHO			10	134	3	147	4		151
06 00 21	LAS VEGAS		1	25	188	16	230	49		279
06 00 71	LOS ALAMOS		2	50	207	16	275	11		286
06 01 23	METROPOLITAN LOS ANGELES (LAC)		28	83	618	51	780	310		1090
06 00 25	MONTANA		1	25	151	8	185	119		304
06 00 73	NORTHERN NEVADA		2	30	210	13	255	57		312
06 03 67	OAKLAND-EAST BAY (SFBAC)		60	261	2536	297	3154	440		3594
06 01 27	ORANGE COUNTY (LAC)		49	402	3560	304	4315	512		4827
06 00 29	PHOENIX		42	304	2437	159	2942	432		3374
06 00 31	PORTLAND		40	218	1839	153	2250	322		2572
06 00 31 01	EUGENE		(8)	(38)	(242)	(40)	(328)	(161)	(489)	
06 00 33	RICHLAND		5	32	203	13	253	69		322
06 00 35	SACRAMENTO		13	119	1130	77	1339	405		1744
06 00 35 05	SAN JOAQUIN		(3)	(15)	(158)	(22)	(198)	(54)	(252)	
06 00 37	SAN DIEGO		43	323	2632	223	3221	331		3552
06 01 39	SAN FERNANDO VALLEY (LAC)		24	253	1665	207	2149	213		2362
06 03 41	SAN FRANCISCO (SFBAC)		23	186	1437	210	1856	126		1982
06 03 41 01	REDWOOD EMPIRE (SFBAC)		(3)	(32)	(258)	(26)	(319)	(5)	(324)	
06 01 43	SAN GABRIEL VALLEY (LAC)		24	120	895	80	1119	180		1299
06 01 45	SANTA BARBARA (LAC)			24	87	521	46	678	214	892
06 03 69	SANTA CLARA VALLEY (SFBAC)	5	208	848	9471	848	11380	744		12124
06 03 69 01	MONTEREY BAY		(16)	(54)	(381)	(41)	(492)	(103)	(595)	
06 01 47	SANTA MONICA BAY (LAC)		65	178	1123	107	1473	247		1720
06 00 49	SEATTLE		33	286	2873	207	3399	379		3778

SECTION A

TABLE 7 - IEEE MEMBERSHIP BY REGION, SECTION, SUBSECTION AND COUNCIL, BY GRADE
DECEMBER 31, 1988

REGION 6 (cont'd)

GEO CODE		SECTION/SUBSECTION	H	F	SM	M	A	HIGHER GRADE		SUBSECTION TOTAL	SECTION TOTAL
R	C S SS							SUBTOTAL	S		
06	01 51	SOUTH BAY HARBOR (LAC)		24	215	2234	180	2653	232		2885
06	00 53	SPOKANE		1	44	300	16	361	217		578
06	00 55	TUCSON		21	107	541	39	708	182		890
06	00 57	UTAH		10	72	785	75	942	283		1225
06	00 59	VANDENBERG		1	14	118	13	146	7		153
06	00 61	WENATCHEE		1	11	56	5	73	18		91
		<u>REGION 6 TOTALS</u>	5	795	4769	42429	3727	51725	6703		58428
		<u>COUNCIL TOTALS</u>									
06	01	LOS ANGELES COUNCIL (LAC)		256	1578	12932	1193	15959	2157		18116
06	03	SF BAY AREA COUNCIL (SFBAC)	5	291	1295	13444	1355	16390	1310		17700

SECTION A

TABLE 7 - IEEE MEMBERSHIP BY REGION, SECTION, SUBSECTION AND COUNCIL, BY GRADE
DECEMBER 31, 1988

REGION 7

<u>GEO CODE</u>				<u>SECTION/SUBSECTION</u>				<u>HIGHER GRADE</u>		<u>SUBSECTION</u>	<u>SECTION</u>	
<u>R</u>	<u>C</u>	<u>S</u>	<u>SS</u>	<u>H</u>	<u>F</u>	<u>SM</u>	<u>M</u>	<u>A</u>	<u>SUBTOTAL</u>	<u>S</u>	<u>TOTAL</u>	<u>TOTAL</u>
07	03	33			3	19	217	10	249	109		358
07	05	03			4	44	353	157	558	194		752
07	05	01			1	31	116	4	152	160		312
07	05	05			5	28	236	63	332	122		454
07	05	07			1	20	176	49	246	131		377
07	03	09			34	160	1527	130	1851	655		2506
07	01	39			3	8	112	7	130	152		282
07	03	35				21	163	12	196	153		349
07	03	37			1	5	65	3	74	70		144
07	01	13				21	463	58	542	193		735
07	03	15			12	140	1563	142	1857	355		2212
07	05	41			1	20	69	12	102	7		109
07	03	17				6	126	16	148	179		327
07	01	19				17	100	11	128	50		178
07	03	21				1	43	1	45	40		85
07	01	23			3	19	472	84	578	143		721
07	05	25			33	149	2085	507	2774	664		3438
07	01	27			9	102	842	103	1056	259		1315
07	01	29			2	27	115	19	163	71		234
07	01	31			2	51	317	123	493	288		781
<u>REGION 7 TOTALS</u>					114	889	9160	1511	11674	3995		15669
<u>COUNCIL TOTALS</u>												
07	05				45	292	3035	792	4164	1278		5442
07	03				50	352	3704	314	4420	1561		5981
07	01				19	245	2421	405	3090	1156		4246

SECTION A

TABLE 7-8A - IEEE MEMBERSHIP BY REGION, SECTION, SUBSECTION AND COUNCIL, BY GRADE
DECEMBER 31, 1988

REGION 8

GEO CODE R C S SS	SECTION/SUBSECTION	H	F	SM	M	A	HIGHER GRADE		SUBSECTION TOTAL	SECTION TOTAL
							SUBTOTAL	S		
08 00 37	AUSTRIA		2	20	148	21	191	48		239
08 00 01	BENELUX		32	123	1091	123	1369	638		2007
08 00 21	CENTRAL & SOUTH ITALY		12	33	382	69	496	62		558
08 00 25	DENMARK		3	20	245	33	301	43		344
08 00 47	EAST AFRICA			16	91	17	124	9		133
08 00 03	EGYPT		5	44	169	16	234	57		291
08 00 35	FINLAND		1	20	222	19	262	153		415
08 00 05	FRANCE		36	115	811	179	1141	36		1177
08 00 17	GERMANY (WEST)		36	172	1285	244	1737	366		2103
08 00 29	GREECE		3	24	340	41	408	223		631
08 00 29 01	CYPRUS			(4)	(60)	(6)	(70)	(2)	(72)	
08 00 51	HUNGARY		1	7	54	7	62	4		66
08 00 27	IRAN			8	158	48	214	257		471
08 00 09	ISRAEL		13	85	559	65	722	163		885
08 00 53	JEDDAH			8	102	11	121	7		128
08 00 39	NIGERIA			5	83	4	92	13		105
08 00 11	NORTH ITALY		12	45	654	152	863	200		1063
08 00 13	NORWAY		2	33	242	31	308	21		329
08 00 33	POLAND		1	41	53	10	105	8		113
08 00 45	PORTUGAL			10	120	51	181	137		318
08 00 43	SAUDI ARABIA		1	48	425	49	523	38		561
08 00 43 01	JUBAIL			(2)	(17)	(1)	(20)		(20)	
08 00 43 05	RIYADH			(20)	(187)	(23)	(230)	(16)	(246)	
08 00 41	SOUTH AFRICA		1	20	275	23	319	74		393
08 00 23	SPAIN		1	34	559	127	721	323		1044
08 00 19	SWEDEN		13	53	483	59	608	80		688
08 00 07	SWITZERLAND		24	90	999	111	1224	296		1520
08 00 49	UNITED ARAB EMIRATES			12	118	17	147	3		150
08 00 15	UNITED KINGDOM & REP IRELAND		1	50	299	218	2673	425		3098
08 00 31	YUGOSLAV			10	283	34	327	63		390
08 00 88	COUNTRIES OUTSIDE SECTIONS			4	82	634	791	167		958
	<u>REGION 8 TOTALS</u>		1	253	1477	12690	1843	16264	3914	20178

SECTION A

TABLE 7-8B - IEEE MEMBERSHIP IN REGION 8 NOT ASSIGNED TO SECTIONS, BY COUNTRY, BY GRADE
DECEMBER 31, 1988 - 3 YEAR COMPARISON

COUNTRY	H	F	SM	M	A	S	12/31/88	12/31/87	12/31/86
							TOTAL	TOTAL	TOTAL
ALGERIA				5		1	6	7	9
ANGOLA (W.AFRICA)				2			2	2	1
BAHREIN (ARABIAN GULF)			12	43	7	1	63	56	57
BATSUTOLAND				1			1	2	
BOTSWANA (S.AFRICA)				5	2		7	5	5
BULGARIA			3	3	1	1	8	7	5
CAMEROON (C.AFRICA)				4			4	2	4
CANARY ISLANDS					1		1		
CYPRUS				2	1	1	4	61	48
CZECHOSLOVAKIA			5	6	6	1	18	18	17
GABON				2			2	1	
GERMANY EAST & E BERLIN								2	1
GHANA (W.AFRICA)				11		2	13	7	5
GIBRALTAR				1		1	2	1	2
HUNGARY									12
ICELAND				38	3	7	48	40	34
IRAQ			7	29	3	2	41	34	30
IVORY COAST (W.AFRICA)			1	4	1		6	6	5
JORDAN	1		9	57	4	19	90	85	87
KUWAIT			12	141	7	83	243	255	279
LEBANON				5		1	6	6	7
LIBERIA (W.AFRICA)			2	3			5	8	8
MALAWI (C.AFRICA)			2	3			5	5	3
MALTA, ISLE OF			1	14			15	14	14
MOROCCO			1	7			8	6	11
MUSCAT/OMAN/UNITED ARAB EMIRATES								127	158
QATAR (ARABIAN GULF)			6	52	4	6	68	49	45
RUMANIA			8	15	1		24	19	19
SENEGAL (W.AFRICA)				3	1	1	5	2	1
SIERRA LEONE (W.AFRICA)									1

(continued on next page)

SECTION A
(cont'd)

TABLE 7-8B - IEEE MEMBERSHIP IN REGION 8 NOT ASSIGNED TO SECTIONS, BY COUNTRY, BY GRADE
DECEMBER 31, 1988 - 3 YEAR COMPARISON

COUNTRY	H	F	SM	M	A	S	12/31/88	12/31/87	12/31/86
							TOTAL	TOTAL	TOTAL
SOUTHWEST AFRICA				1			1	2	1
SP LIBYAN ARAB JAMAHIRIYA			1	15	4	3	23	16	24
SUDAN				9	3	1	13	17	22
SWAZILAND (S.AFRICA)				3			3	2	1
SYRIA				13	1	2	16	14	17
TUNISIA				6	3	2	11	8	7
TURKEY		1	6	92	8	29	136	112	93
USSR		2	5	4	1	1	13	10	10
YEMEN ARAB REPUBLIC				8	7	2	17	11	8
APO AND FPO			1	27	2		30	26	22
MEMBERS NOT ASSIGNED TO IEEE SECTIONS		4	82	634	71	167	958	1045	1073
MEMBERS ASSIGNED TO IEEE SECTIONS		249	1395	12056	1772	3747	19220	16849	15281
<u>TOTAL, REGION 8</u>		253	1477	12690	1843	3914	20178	17894	16354

SECTION A

TABLE 7-9A - IEEE MEMBERSHIP BY REGION, SECTION, SUBSECTION AND COUNCIL, BY GRADE
DECEMBER 31, 1988

REGION 9

GEO CODE R C S SS	SECTION/SUBSECTION	H	F	SM	M	A	HIGHER GRADE		SUBSECTION TOTAL	SECTION TOTAL
							SUBTOTAL	S		
09 00 01	ARGENTINA		2	28	314	60	404	312		716
09 01 27	BAHIA (BC)			7	79	6	92	32		124
09 01 15	BRASILIA (BC)				43	7	50	39		89
09 00 03	CHILE			15	187	40	242	343		585
09 00 05	COLOMBIA			10	172	34	216	403		619
09 00 05 01	MEDELLIN			(3)	(16)		(19)		(19)	
09 05 33	COSTA RICA (CAPC)			6	63	7	76	27		103
09 00 29	ECUADOR			6	35	15	56	30		86
09 05 35	EL SALVADOR (CAPC)			11	138	54	203	94		297
09 05 37	GUATEMALA (CAPC)			5	65	10	80	89		169
09 05 39	HONDURAS (CAPC)				48	8	56	15		71
09 03 07	MEXICO (MC)		3	46	699	165	913	440		1353
09 03 07 07	CIUDAD JUAREZ (MC)				(6)	(1)	(7)		(7)	
09 03 07 03	GUADALAJARA (MC)			(3)	(44)	(5)	(52)	(6)	(58)	
09 03 07 09	GUANAJUATO (MC)			(3)	(37)	(11)	(51)	(4)	(55)	
09 03 07 05	MORELOS (MC)			(3)	(94)	(27)	(124)	(19)	(143)	
09 03 31	MONTERREY (MC)			5	123	13	141	180		321
09 05 25	PANAMA (CAPC)			8	86	8	102	60		162
09 00 21	PERU		1	8	92	16	117	86		203
09 00 09	PUERTO RICO & CARIBBEAN		1	45	517	55	618	204		822
09 01 11	RIO DE JANEIRO (BC)		3	32	130	13	178	27		205
09 01 17	SAO PAULO (BC)		2	32	228	47	309	68		377
09 01 17 01	CAMPINAS (BC)			(3)	(33)	(5)	(41)	(4)	(45)	
09 00 19	VENEZUELAN			25	151	19	195	229		424
09 00 99	COUNTRIES OUTSIDE SECTIONS			<u>3</u>	<u>73</u>	<u>10</u>	<u>86</u>	<u>34</u>		<u>120</u>
	<u>REGION 9 TOTALS</u>		12	292	3243	587	4134	2712		6846
	<u>COUNCIL TOTALS</u>									
09 01	BRAZIL COUNCIL (BC)		5	71	480	73	629	166		795
09 05	CTRL AM PANAMA COUNCIL (CAPC)			30	400	87	517	285		802
09 03	MEXICAN COUNCIL (MC)		3	51	822	178	1054	620		1674

SECTION A

TABLE 7-9B -- IEEE MEMBERSHIP IN REGION 9 NOT ASSIGNED TO SECTIONS, BY COUNTRY, BY GRADE
DECEMBER 31, 1988 - 3 YEAR COMPARISON

COUNTRY	H	F	SM	M	A	S	12/31/88	12/31/87	12/31/86
							TOTAL	TOTAL	TOTAL
BELIZE				3			3	3	2
BOLIVIA				5	2	17	24	29	7
CAYMAN ISLANDS				2			2	2	2
GUYANA			1	7			8	7	5
PARAGUAY			1	4	1		6	7	7
SURINAM				1			1	2	2
URUGUAY			1	45	6	17	69	23	21
APO AND FPO				6	1		7	6	6
MEMBERS NOT ASSIGNED TO IEEE SECTIONS			3	73	10	34	120	79	52
MEMBERS ASSIGNED TO IEEE SECTIONS	12	289	3170	577	2678		6726	6044	5340
<u>TOTAL, REGION 9</u>	12	292	3243	587	2712		6846	6123	5392

SECTION A

TABLE 7-10A - IEEE MEMBERSHIP BY REGION, SECTION, SUBSECTION AND COUNCIL, BY GRADE
DECEMBER 31, 1988

REGION 10

GEO CODE R C S SS	SECTION/SUBSECTION	H	F	SM	M	A	HIGHER GRADE		SUBSECTION TOTAL	SECTION TOTAL
							SUBTOTAL	S		
10 05 61	AUST CAPITOL TERR(ACT) (AUSC)		2	8	86	10	106	13		119
10 01 19	BANGALORE (IC)		1	40	191	19	251	267		518
10 00 51	BEIJING		3	166	135	26	330	61		391
10 00 51 01	SHANGHAI			(17)	(23)	(6)	(46)	(1)	(47)	
10 01 21	BOMBAY (IC)		3	78	364	59	504	479		983
10 01 21 01	BARODA (IC)			(9)	(57)	(4)	(70)	(60)	(130)	
10 01 37	CALCUTTA (IC)		1	44	174	15	234	108		342
10 01 23	DELHI (IC)	1	1	84	330	21	437	313		750
10 01 23 03	UTTAR PRADESH (IC)			(9)	(72)	(8)	(89)	(144)	(233)	
10 00 07	HONG KONG		1	32	1336	108	1477	297		1774
10 01 49	HYDERABAD (IC)			18	157	13	188	206		394
10 00 59	INDONESIA			3	129	21	153	46		199
10 00 41	KARACHI			3	86	11	100	22		122
10 01 45	KERALA (IC)			16	212	13	241	383		624
10 01 55	KHARAGPUR (IC)			9	27	2	38	4		42
10 00 17	KOREA		2	28	712	100	842	724		1566
10 01 33	MADRAS (IC)		1	61	355	28	445	1226		1671
10 00 35	MALAYSIA			3	304	18	325	34		359
10 05 09	NEW SOUTH WALES (AUSC)		5	58	833	58	954	121		1075
10 03 01	NEW ZEALAND NORTH (NZC)			7	106	12	125	22		147
10 03 39	NEW ZEALAND SOUTH (NZC)		1	13	149	6	169	93		262
10 00 03	PAKISTAN			24	134	10	168	14		182
10 05 53	QUEENSLAND (AUSC)		1	14	258	19	292	82		374
10 00 15	REPUBLIC OF THE PHILIPPINES			3	75	13	91	21		112
10 00 25	SINGAPORE			20	1186	106	1312	605		1917
10 05 57	SOUTH AUSTRALIA (AUSC)			12	157	8	177	19		196
10 00 11	TAIPEI		1	19	558	79	657	296		953
10 00 29	THAILAND			11	104	10	125	85		210
10 00 13	TOKYO	1	172	372	4407	384	5336	208		5544
10 05 43	VICTORIAN (AUSC)		1	33	648	47	729	63		792
10 05 47	WESTERN AUSTRALIA (AUSC)			10	176	28	214	63		277
10 00 99	COUNTRIES OUTSIDE SECTIONS			12	177	22	211	2		213
	<u>REGION 10 TOTALS</u>	2	196	1201	13566	1266	16231	5877		22108
	<u>COUNCIL TOTALS</u>									
10 05	AUSTRALIAN COUNCIL (AUSC)		9	135	2158	170	2472	361		2833
10 01	INDIA COUNCIL (IC)	1	7	350	1810	170	2338	2986		5324
10 03	NEW ZEALAND COUNCIL (NZC)		1	20	255	18	294	115		409

SECTION A

TABLE 7-10B - IEEE MEMBERSHIP IN REGION 10 NOT ASSIGNED TO SECTIONS, BY COUNTRY, BY GRADE
 DECEMBER 31, 1988 - 3 YEAR COMPARISON

COUNTRY	H	F	SM	M	A	S	12/31/88	12/31/87	12/31/86
							TOTAL	TOTAL	TOTAL
BANGLADESH			3	9	1		13	20	21
BORNEO/KALAMNTN/BRUNEI/SABAH/SARAWK			2	26	4		32	36	23
BURMA				2	1		3	2	5
FIJI ISLANDS				12	1		13	13	15
GILBERT ISLANDS								1	1
GUAM			1	8	4	1	14	16	15
INDIA								1	1
INDONESIA								92	98
KAMPUCHEA				1			1		
MALDIVES									2
MAURITIUS				14	1		15	9	9
NEPAL			2	4			6	6	13
SAIPAN/MARIANA ISLANDS				2	1		3	2	3
SEYCHELLES								1	1
SOLOMON ISLANDS				2			2	2	1
SRI LANKA (CEYLON)			2	36	4	1	43	37	31
VIETNAM, NORTH & SOUTH			1				1	1	1
APO AND FPO			<u>1</u>	<u>61</u>	<u>5</u>	<u>—</u>	<u>67</u>	<u>75</u>	<u>52</u>
MEMBERS NOT ASSIGNED TO IEEE SECTIONS			12	177	22	2	213	314	297
MEMBERS ASSIGNED TO IEEE SECTIONS	196	1189	13389	1244	5875		21895	18855	17035
<u>TOTAL, REGION 10</u>	196	1201	13566	1266	5877		22108	19169	17327

SECTION B

TABLE 1-IEEE STUDENT BRANCHES AND STUDENT BRANCH MEMBERSHIP
DECEMBER 31, 1988

<u>REGION 1</u>		
<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
BINGHAMTON	*BROOME COMMUNITY COLLEGE	8
	NEW YORK STATE UNIV OF-BINGHAMTON (C)	64
BOSTON	BOSTON UNIV (C,EMB)	152
	*FRANKLIN INST OF BOSTON	34
	HARVARD UNIV	49
	LOWELL UNIV OF (C)	171
	MASSACHUSETTS INST OF TECHNOLOGY	293
	MERRIMACK COLLEGE	10
	NORTHEASTERN UNIV	389
	TUFTS UNIV	129
	*WENTWORTH INST OF TECHNOLOGY	35
BUFFALO	BUFFALO UNIV AT (SUNY/AB)	210
	NEW YORK STATE U OF COLLEGE-BUFFALO	32
	*SUNY-ALFRED STATE COLLEGE	30
CONNECTICUT	*BRIDGEPORT ENGINEERING INST	13
	BRIDGEPORT UNIV OF (C)	51
	CONNECTICUT UNIV OF	60
	*GREATER NEW HAVEN STATE TECH COLLEGE	8
	*HARTFORD STATE TECHNICAL COLLEGE	42
	HARTFORD UNIV OF	48
	NEW HAVEN UNIV OF	46
	TRINITY COLLEGE	0
	U S COAST GUARD ACADEMY	34
	*WARD TECHNICAL COLLEGE	29
	*WATERBURY STATE TECHNICAL COLLEGE	31
	YALE UNIV	48
ITHACA	CORNELL UNIV	217
LONG ISLAND	HOFSTRA UNIV	33
	NEW YORK INST OF TECH-OLD WESTBURY	22
	*NEW YORK STATE UNIV OF-FARMINGDALE	8
	NEW YORK STATE UNIV OF-STONY BROOK	96
	POLYTECHNIC INST OF NEW YORK L I CENTER	67
MAINE	MAINE UNIV OF	95
MID-HUDSON	*DUTCHESS COMMUNITY COLLEGE	9
	NEW YORK STATE UNIV OF-NEW PALTZ	35
	U S MILITARY ACADEMY (C)	21
MOHAWK VALLEY	CLARKSON UNIV	243
	*NEW YORK A AND T COLLEGE-CANTON	14
	NEW YORK STATE UNIV-UTICA	37
NEW HAMPSHIRE	DARTMOUTH COLLEGE	7
	*HESSER COLLEGE	1
	*NEW HAMPSHIRE TECHNICAL INST	18
	NEW HAMPSHIRE UNIV OF	111
NEW JERSEY COAST	MONMOUTH COLLEGE	52
	*UNION TECHNICAL INST	32
NEW YORK	*AERONAUTICS COLLEGE OF (C)	7
	*BRAMSON ORT TECH INST	0
	*BRONX COMMUNITY COLLEGE-DAY DIVISION	4
	COLUMBIA UNIV(C)	155
	COOPER UNION	77
	MANHATTAN COLLEGE	89

* IEEE LESS THAN FOUR YEAR STUDENT BRANCH.

SECTION BREGION 1 (cont'd)

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>	
NEW YORK (cont'd)	NEW YORK CITY COLLEGE OF (COM,MTT)	211	
	*NEW YORK CITY TECHNICAL COLLEGE	20	
	NEW YORK INST OF TECHNOLOGY	102	
	NEW YORK STATE UNIV OF-MARITIME COLLEGE	26	
	POLYTECHNIC UNIVERSITY (C)	273	
	PRATT INST	48	
	QUEENS COLLEGE-NEW YORK	12	
	*QUEENSBOROUGH COMMUNITY COLLEGE(C)	27	
	STATEN ISLAND COLLEGE OF-ST GEORGE CAMPUS	23	
	*STATEN ISLAND COLLEGE OF-SUNNYSIDE CAMPUS	25	
	*TECHNICAL CAREER INSTS (C)	23	
	*WESTCHESTER COMMUNITY COLLEGE	29	
	NORTH JERSEY	FAIRLEIGH DICKINSON UNIV-DAY DIVISION	48
		*HUDSON COUNTY COMMUNITY COLLEGE	15
*MORRIS COUNTY COLLEGE OF		9	
NEW JERSEY INST OF TECH		237	
STEVENS INST OF TECHNOLOGY		111	
*UNION COUNTY COLLEGE	18		
PRINCETON	*DEVRY TECHNICAL INSTITUTE-WOODBRIDGE	53	
	*MIDDLESEX COUNTY COLLEGE	28	
	PRINCETON UNIV	73	
	RUTGERS UNIV (EMB)	273	
TRENTON STATE COLLEGE	85		
PROVIDENCE	BROWN UNIV	37	
	RHODE ISLAND UNIV OF	91	
	ROGER WILLIAMS COLLEGE	17	
	SOUTHEASTERN MASSACHUSETTS UNIV (C)	47	
ROCHESTER	ROCHESTER INST OF TECH-BRANCH A (C)	238	
	ROCHESTER INST OF TECH BRANCH B (C)	3	
	ROCHESTER UNIV OF	69	
SCHENECTADY	*HUDSON VALLEY COMMUNITY COLLEGE	2	
	RENSSELAER POLYTECHNIC INST (C,P)	186	
	UNION COLLEGE	56	
SPRINGFIELD	MASSACHUSETTS UNIV OF (C)	158	
	WESTERN NEW ENGLAND COLLEGE	43	
SYRACUSE	SYRACUSE UNIV (C,EMB)	144	
VERMONT	*CHAMPLAIN COLLEGE	18	
	NORWICH UNIV (C)	45	
	*VERMONT TECHNICAL COLLEGE	3	
	VERMONT UNIV OF	77	
WORCESTER COUNTY	CENTRAL NEW ENGLAND COLLEGE	15	
	WORCESTER POLYTECHNIC INST (EMB)	148	

* IEEE LESS THAN FOUR YEAR STUDENT BRANCH.

() ALSO HAS STUDENT BRANCH CHAPTER OF THE INDICATED SOCIETY --
 CAS-CIRCUITS AND SYSTEMS, COM-COMMUNICATIONS, C-COMPUTER,
 CS-CONTROL SYSTEMS, ED-ELECTRON DEVICES, EMB-ENGINEERING IN
 MEDICINE AND BIOLOGY, EM-ENGINEERING MANAGEMENT, IA-INDUSTRY
 APPLICATIONS, IT-INFORMATION THEORY, IM-INSTRUMENTATION AND
 MEASUREMENT, MTT-MICROWAVE, THEORY AND TECHNIQUES,
 PE-POWER ENGINEERING.

SECTION BREGION 2

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
AKRON	AKRON UNIV OF (C)	137
BALTIMORE	*ANNE ARUNDEL COMMUNITY COLLEGE	8
	JOHNS HOPKINS UNIV	161
	LOYOLA COLLEGE	4
	U S NAVAL ACADEMY	1
CANTON	*KENT STATE UNIV-TUSCARAWAS	15
CENTRAL PENNSYLVANIA	BUCKNELL UNIV	36
	PENNSYLVANIA STATE UNIV (C)	480
CINCINNATI	CINCINNATI UNIV OF	88
	OMI COLLEGE OF APPLIED SCIENCE	25
CLEVELAND	CASE WESTERN RESERVE UNIV	137
	CLEVELAND STATE UNIV	89
COLUMBUS	*COLUMBUS TECHNICAL INSTITUTE	20
	*DEVRY INST OF TECHNOLOGY-COLUMBUS	143
	*FRANKLIN UNIV	16
	OHIO STATE UNIV (C)	245
	OHIO UNIV (C)	96
DAYTON	DAYTON UNIV OF	61
	*DAYTON UNIV OF-TECHNICAL INST	2
	*EDISON STATE COMMUNITY COLLEGE	9
	*SINCLAIR COLLEGE	4
	U S AIR FORCE INST OF TECHNOLOGY	23
	WRIGHT STATE UNIV (C)	66
DELAWARE BAY	DELAWARE UNIV OF	74
ERIE	GANNON UNIV	40
JOHNSTOWN	PITTSBURGH UNIV OF-JOHNSTOWN	31
LEHIGH VALLEY	LAFAYETTE COLLEGE	46
	LEHIGH UNIV	100
	SCRANTON UNIV OF	25
	WILKES COLLEGE	20
LIMA	OHIO NORTHERN UNIV	59
NORTHERN VIRGINIA	GEORGE MASON UNIV	216
PHILADELPHIA	DREXEL UNIV-DAY DIVISION (C)	266
	DREXEL UNIV-EVENING COLLEGE	54
	PENNSYLVANIA UNIV OF (C)	137
	SPRING GARDEN COLLEGE	22
	SWARTHMORE COLLEGE	15
	TEMPLE UNIV (EMB)	214
	VILLANOVA UNIV OF	75
	WIDENER UNIV	62
PITTSBURGH	CARNEGIE MELLON UNIV	269
	*FAIRMONT STATE COLLEGE	11
	*PENNSYLVANIA STATE UNIV-MCKEESPORT	13
	PITTSBURGH UNIV OF	195
	STUBENVILLE COLLEGE OF	22
	WEST VIRGINIA UNIV (C)	82
SHARON	GROVE CITY COLLEGE	37
	YOUNGSTOWN STATE UNIV	49
SUSQUEHANNA	PENNSYLVANIA STATE UNIV-CAPITOL	72
	*PENNSYLVANIA STATE UNIV-YORK	3

* IEEE LESS THAN FOUR YEAR STUDENT BRANCH.

SECTION B

REGION 2 (cont'd)

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
WASHINGTON	CAPITOL INST OF TECHNOLOGY	44
	CATHOLIC UNIV OF AMERICA	29
	*DISTRICT OF COLUMBIA UNIV OF THE	57
	GEORGE WASHINGTON UNIV (C COM EMB)	238
	HOWARD UNIV	26
	MARYLAND UNIV OF	552
WEST VIRGINIA	WEST VIRGINIA INST OF TECHNOLOGY	46

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APPLICATIONS, IT-INFORMATION THEORY, IM-INSTRUMENTATION AND
MEASUREMENT, MTT-MICROWAVE, THEORY AND TECHNIQUES,
PE-POWER ENGINEERING.

SECTION BREGION 3

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
ALABAMA	ALABAMA UNIV OF (C)	64
	ALABAMA UNIV OF-BIRMINGHAM	60
	AUBURN UNIV (C,P)	246
	TUSKEGEE INST	27
ATLANTA	*CHATTAHOOCHEE TECH INST	16
	*DEKALB TECH	6
	*DEVRY INST OF TECHNOLOGY-ATLANTA	34
	GEORGIA INST OF TECHNOLOGY (C,EMB,P)	686
	SOUTHERN TECHNICAL INST	163
BATON ROUGE	LOUISIANA STATE UNIV-BATON ROUGE (C)	49
	SOUTHERN UNIV	22
CANAVERAL	FLORIDA INST OF TECHNOLOGY (C)	133
CENTRAL NORTH CAROLINA	*GUILFORD TECHNICAL COMMUNITY COLLEGE	23
	NORTH CAROLINA A AND T STATE UNIV	43
CENTRAL SAVANNAH RIVER	*AUGUSTA AREA TECHNICAL SCHOOL	5
CENTRAL VIRGINIA	VIRGINIA UNIV OF	124
CHARLOTTE	*CENTRAL PIEDMONT COMMUNITY COLLEGE	30
	*GASTON COLLEGE	13
	NORTH CAROLINA UNIV OF-CHARLOTTE	187
CHATTANOOGA	*CHATTANOOGA STATE TECHNICAL INST	12
	TENNESSEE UNIV OF-CHATTANOOGA	29
COASTAL SOUTH CAROLINA	CITADEL THE	40
	*FLORENCE-DARLINGTON TECHNICAL COLLEGE	1
	*TRIDENT TECHNICAL COLLEGE	1
COLUMBIA	SOUTH CAROLINA UNIV OF	92
EAST TENNESSEE	*STATE TECHNICAL INSTITUTE KNOXVILLE	15
	TENNESSEE UNIV OF (C)	189
EASTERN NORTH CAROLINA	DUKE UNIV	78
	*FAYETTEVILLE TECHNICAL INST	9
	NORTH CAROLINA STATE UNIV (C,P)	376
	NORTH CAROLINA UNIV OF-CHAPEL HILL	40
	*SO ILLINOIS UNIV/STC	5
	*WAKE TECHNICAL COLLEGE	10
EVANSVILLE-OWENSBORO	EVANSVILLE UNIV OF	32
	MURRAY STATE UNIV	22
	SOUTHERN INDIANA UNIV OF	34
FLORIDA WEST COAST	SOUTH FLORIDA UNIV OF (C)	202
GAINESVILLE	FLORIDA UNIV OF (C)	188
HAMPTON ROADS	HAMPTON INSTITUTE	7
	NORFOLK STATE UNIV	18
	OLD DOMINION UNIV (C)	105
HUNTSVILLE	ALABAMA UNIV OF-HUNTSVILLE	85
JACKSONVILLE	NORTH FLORIDA UNIV OF	35
LEXINGTON	KENTUCKY UNIV OF	95
LOUISVILLE	LOUISVILLE UNIV OF	142
	WESTERN KENTUCKY UNIV	24
MEMPHIS	CHRISTIAN BROTHERS COLLEGE	36
	MEMPHIS STATE UNIV (C)	92
	*STATE TECHNICAL INST-MEMPHIS	4
	TENNESSEE UNIV OF-MARTIN	20
MIAMI	FLORIDA INTERNATIONAL UNIV	87

* IEEE LESS THAN FOUR YEAR STUDENT BRANCH.

SECTION B

REGION 3 (cont'd)

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
MIAMI	MIAMI UNIV OF (C)	83
MISSISSIPPI	MISSISSIPPI STATE UNIV (EMB,P)	116
	MISSISSIPPI UNIV OF	41
	SOUTHERN MISSISSIPPI UNIV OF	21
MOBILE	SOUTH ALABAMA UNIV OF	83
NASHVILLE	TENNESSEE STATE UNIV	17
	TENNESSEE TECHNOLOGICAL UNIV (C)	108
	VANDERBILT UNIV	114
NEW ORLEANS	NEW ORLEANS UNIV OF	34
	TULANE UNIV (C)	52
ORLANDO	CENTRAL FLORIDA UNIV OF (C)	146
PALM BEACH	FLORIDA ATLANTIC UNIV	117
PENSACOLA	WEST FLORIDA UNIV OF	21
PIEDMONT	CLEMSON UNIV (C)	156
SAVANNAH	GEORGIA SOUTHERN COLLEGE	20
	SAVANNAH STATE COLLEGE	5
TALLAHASSEE AREA	FLORIDA A AND M UNIV	16
	FLORIDA STATE UNIV	31
TRI CITIES	*TRI CITIES STATE TECH INST	6
	*TRI-CITIES SECTION BRANCH	9
VIRGINIA MOUNTAIN	VIRGINIA MILITARY INST	21
	VIRGINIA POLYTECHNIC INST (C PE)	360
	*VIRGINIA WESTERN COMMUNITY COLLEGE	20

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APPLICATIONS, IT-INFORMATION THEORY, IM-INSTRUMENTATION AND
MEASUREMENT, MT-MICROWAVE, THEORY AND TECHNIQUES,
PE-POWER ENGINEERING.

SECTION BREGION 4

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
ARROWHEAD	MINNESOTA UNIV OF-DULUTH (C)	88
CALUMET	PURDUE UNIV-CALUMET	47
	*VALPARAISO TECHNICAL INST	27
	VALPARAISO UNIV	47
CEDAR RAPIDS	IOWA UNIV OF	60
	*NORTHERN IOWA UNIV OF	8
CENTRAL ILLINOIS	ILLINOIS UNIV OF-URBANA/CHAMPAIGN (C)	420
CENTRAL INDIANA	*ITT TECHNICAL INST-INDIANAPOLIS	60
	PURDUE UNIV-INDIANAPOLIS	54
	PURDUE UNIV-W LAFAYETTE (C)	474
	ROSE-HULMAN INST OF TECHNOLOGY	84
CENTRAL IOWA	IOWA STATE UNIV (C)	347
CHICAGO	DEPAUL UNIV	13
	DEVRY INST OF TECHNOLOGY-CHICAGO	153
	*DEVRY INST OF TECHNOLOGY-LOMBARD	27
	ILLINOIS INST OF TECHNOLOGY (C)	161
	ILLINOIS UNIV OF-CHICAGO (EMB)	214
	NORTHWESTERN UNIV (C)	105
FORT WAYNE	INDIANA INST OF TECHNOLOGY	6
	PURDUE UNIV-FORT WAYNE	61
	TRI-STATE UNIV (C)	10
ILLINOIS VALLEY	BRADLEY UNIV	53
MADISON	WISCONSIN UNIV OF MADISON (C)	219
	WISCONSIN UNIV OF PLATTEVILLE	27
MICHIANA	NOTRE DAME UNIV OF	77
MILWAUKEE	MARQUETTE UNIV	199
	MILWAUKEE SCHOOL OF ENGINEERING	175
	*WAUKESHA COUNTY TECHNICAL INST	12
	WISCONSIN UNIV OF-MILWAUKEE (C)	117
	WISCONSIN UNIV OF-PARKSIDE	5
NEBRASKA	*GATEWAY ELECTRONICS INST (C)	18
	NEBRASKA UNIV OF-LINCOLN	136
	*NEBRASKA UNIV OF-OMAHA	48
NORTHEAST MICHIGAN	GMI ENGINEERING AND MANAGEMENT INST	107
	SAGINAW VALLEY STATE COLLEGE	23
NORTHEASTERN WISCONSIN	*LAKE SUPERIOR STATE COLLEGE	12
	MICHIGAN TECHNOLOGICAL UNIV (C,P)	264
RED RIVER VALLEY	NORTH DAKOTA STATE UNIV (C,EMB)	208
	NORTH DAKOTA UNIV OF	53
ROCK RIVER VALLEY	NORTHERN ILLINOIS UNIV	60
SIOUXLAND	SOUTH DAKOTA STATE UNIV	47
SOUTHEASTERN MICHIGAN	DETROIT UNIV OF (C)	26
	LAWRENCE INST OF TECHNOLOGY (C)	93
	MICHIGAN STATE UNIV	185
	MICHIGAN UNIV OF DEARBORN	41
	MICHIGAN UNIV OF-ANN ARBOR	368
	OAKLAND UNIV	76
	*ST CLAIR COLLEGE OF TECH	13
	WAYNE STATE UNIV (C)	100
WINDSOR UNIV OF	56	

* IEEE LESS THAN FOUR YEAR STUDENT BRANCH.

SECTION B

REGION 4 (cont'd)

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
SOUTHERN MINNESOTA	MANKATO STATE UNIV	148
TOLEDO	TOLEDO UNIV OF *TOLEDO UNIV OF-COMMUNITY AND TECH COLLEGE	105 35
TWIN CITIES	MINNESOTA UNIV OF ST CLOUD STATE UNIV *WISCONSIN UNIV OF-STOUT (C)	349 64 25
WEST MICHIGAN	WESTERN MICHIGAN UNIV (C)	52

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CAS-CIRCUITS AND SYSTEMS, COM-COMMUNICATIONS, C-COMPUTER,
CS-CONTROL SYSTEMS, ED-ELECTRON DEVICES, EMB-ENGINEERING IN
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APPLICATIONS, IT-INFORMATION THEORY, IM-INSTRUMENTATION AND
MEASUREMENT, MTT-MICROWAVE, THEORY AND TECHNIQUES,
PE POWER ENGINEERING.

SECTION BREGION 5

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
ARKANSAS	*ARKANSAS COLLEGE OF TECHNOLOGY	47
	*ARKANSAS STATE UNIV	32
	ARKANSAS UNIV OF-LITTLE ROCK	56
BEAUMONT	LAMAR UNIV	50
	MCNEESE STATE UNIV	10
CENTRAL TEXAS	ST MARY'S UNIV	29
	TEXAS UNIV OF-AUSTIN (C)	510
	TEXAS UNIV OF-SAN ANTONIO	24
	TRINITY UNIV	17
CORPUS CHRISTI	*DEL MAR COLLEGE (C)	37
	TEXAS A AND I UNIV	46
DALLAS	DEVRY INST OF TECHNOLOGY -IRVING	81
	EAST TEXAS STATE UNIV (C)	14
	SOUTHERN METHODIST UNIV	71
DENVER	COLORADO SCHOOL OF MINES	54
	COLORADO STATE UNIV (C)	121
	COLORADO UNIV OF-BOULDER	133
	COLORADO UNIV OF-DENVER	106
	DENVER UNIV OF	27
	METROPOLITAN STATE COLLEGE	54
	SOUTH DAKOTA SCHOOL OF MINES AND TECH	128
WYOMING UNIV OF	102	
EL PASO	NEW MEXICO STATE UNIV	95
	TEXAS UNIV OF-EL PASO	76
FORT WORTH	TEXAS CHRISTIAN UNIV (C)	5
	TEXAS UNIV OF-ARLINGTON (C)	157
HOUSTON	HOUSTON UNIV OF-CLEAR LAKE	33
	HOUSTON UNIV OF-COLLEGE OF ENG	232
	HOUSTON UNIV OF-COLLEGE OF TECH	48
	PRAIRIE VIEW A AND M UNIV	27
	RICE UNIV (C)	73
	TEXAS A AND M UNIV (C,IA,EMB)	322
	TEXAS A AND M UNIV-ENG TECH	138
KANSAS CITY	CENTRAL MISSOURI STATE UNIV	29
	*DEVRY INST OF TECHNOLOGY-KANSAS CITY	15
	KANSAS STATE UNIV	126
	KANSAS UNIV OF	114
	MISSOURI UNIV OF-KANSAS CITY	52
SOUTHWEST MISSOURI STATE COLLEGE	9	
LAFAYETTE	SOUTHWESTERN LOUISIANA UNIV OF (C)	136
OKLAHOMA CITY	OKLAHOMA CHRISTIAN COLLEGE	36
	OKLAHOMA UNIV OF	112
OZARK	ARKANSAS UNIV OF	77
PIKES PEAK	COLORADO TECHNICAL COLLEGE	30
	COLORADO UNIV OF-COLORADO SPRINGS	62
	SOUTHERN COLORADO UNIV OF	19
	U S AIR FORCE ACADEMY	4
SAINT LOUIS	MISSOURI UNIV OF-COLUMBIA (C)	153
	MISSOURI UNIV OF-ROLLA (C)	343
	PARKS COLLEGE OF ST LOUIS UNIV	23
	SOUTHERN ILLINOIS UNIV	91

* IEEE LESS THAN FOUR YEAR STUDENT BRANCH.

SECTION B

REGION 5 (cont'd)

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
SAINT LOUIS	SOUTHERN ILLINOIS UNIV-EDWARDSVILLE	54
	WASHINGTON UNIV	122
SHREVEPORT	LETOURNEAU COLLEGE	7
	LOUISIANA TECHNOLOGICAL UNIV	86
	NORTHWESTERN STATE U OF LOUISIANA	16
SOUTH PLAINS	TEXAS TECHNOLOGICAL UNIV	182
TULSA	*OKLAHOMA COLLEGE OF BUSINESS AND TECH	18
	OKLAHOMA STATE UNIV (C)	69
	OKLAHOMA STATE UNIV-BRANCH B	25
	ORAL ROBERTS UNIV	13
	TULSA UNIV OF	48
WICHITA	WICHITA STATE UNIV	81

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PE-POWER ENGINEERING.

SECTION BREGION 6

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
ALASKA	ALASKA UNIV OF	41
ALBUQUERQUE	NEW MEXICO UNIV OF (C)	162
FOOTHILL	CALIFORNIA POLYTECHNIC STATE UNIV (C)	112
	DEVRY INST OF TECHNOLOGY-LOS ANGELES	106
	HARVEY MUDD COLLEGE	34
HAWAII	HAWAII UNIV OF	99
IDAHO	IDAHO UNIV OF	66
LAS VEGAS	NEVADA UNIV OF LAS VEGAS	48
METRO LOS ANGELES	CALIFORNIA STATE UNIV-LOS ANGELES	199
	NORTHRUP UNIV	14
	SOUTHERN CALIFORNIA UNIV OF	308
MONTANA	MONTANA STATE UNIV	137
NORTHERN NEVADA	NEVADA UNIV OF-RENO	57
OAKLAND-EAST BAY	CALIFORNIA STATE UNIV-FRESNO	59
	CALIFORNIA UNIV OF-BERKELEY (C)	299
ORANGE COUNTY	CALIFORNIA STATE UNIV-FULLERTON	98
	CALIFORNIA UNIV OF-IRVINE	222
PHOENIX	ARIZONA STATE UNIV (C)	241
	ARIZONA STATE UNIV-II-CET DEPT	28
	DEVRY INST OF TECHNOLOGY-PHOENIX	91
	NORTHERN ARIZONA UNIV	55
PORTLAND	*OREGON INST OF TECHNOLOGY	34
	OREGON STATE UNIV	143
	PORTLAND STATE UNIV	85
	PORTLAND UNIV (C)	41
RICHLAND	WALLA WALLA COLLEGE	46
	WASHINGTON STATE UNIV-RICHLAND	14
SACRAMENTO	CALIFORNIA STATE UNIV-CHICO	67
	CALIFORNIA STATE UNIV-SACRAMENTO (C)	176
	CALIFORNIA UNIV OF-DAVIS	148
	PACIFIC UNIV OF THE (C)	74
SAN DIEGO	CALIFORNIA UNIV OF-SAN DIEGO (C)	120
	SAN DIEGO STATE UNIV	124
SAN FERNANDO VALLEY	CALIFORNIA STATE UNIV-NORTHRIDGE	140
	*LOS ANGELES PIERCE COLLEGE	24
SAN FRANCISCO	*COGSWELL COLLEGE	18
	SAN FRANCISCO STATE UNIV	67
SANTA BARBARA	CALIFORNIA POLY STATE UNIV-SAN LUIS (P)	97
	CALIFORNIA UNIV OF-SANTA BARBARA (C)	169
SANTA CLARA VALLEY	CALIFORNIA UNIV OF-SANTA CRUZ	41
	*FOOTHILL COLLEGE	2
	SAN JOSE STATE UNIV	99
	SANTA CLARA UNIV OF (C)	112
	STANFORD UNIV (C)	332
U S NAVAL POSTGRADUATE SCHOOL	57	
SANTA MONICA BAY	CALIFORNIA UNIV OF-LOS ANGELES	267
	LOYOLA MARYMOUNT UNIV	18

* IEEE LESS THAN FOUR YEAR STUDENT BRANCH.

SECTION B

REGION 6 (cont'd)

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
SEATTLE	SEATTLE PACIFIC UNIV	11
	SEATTLE UNIV	109
	WASHINGTON UNIV OF(C)	203
	WESTERN WASHINGTON UNIV	14
SOUTH BAY HARBOR	CALIFORNIA STATE UNIV--LONG BEACH (C)	175
SPOKANE	GONZAGA UNIV	31
	WASHINGTON STATE UNIV--PULLMAN (C)	141
TUCSON	ARIZONA UNIV OF	197
UTAH	BRIGHAM YOUNG UNIV	110
	BRIGHAM YOUNG UNIV--BRANCH B	26
	UTAH STATE UNIV	55
	UTAH UNIV OF (C)	98
WENATCHEE	CENTRAL WASHINGTON UNIV	18

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APPLICATIONS, IT--INFORMATION THEORY, IM--INSTRUMENTATION AND
MEASUREMENT, MTT--MICROWAVE, THEORY AND TECHNIQUES,
PE--POWER ENGINEERING.

SECTION BREGION 7

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
CANADIAN ATLANTIC	NOVA SCOTIA TECHNICAL UNIV OF	108
HAMILTON	MCMASTER UNIV (C)	100
	*MOHAWK COLLEGE OF APPLIED A AND T	77
	*NIAGARA COLLEGE (C)	31
KINGSTON	QUEEN'S UNIV (C)	177
	ROYAL MILITARY COLLEGE OF CANADA	3
	*SAINT LAWRENCE COLLEGE OF APPLIED A AND T	19
KITCHENER-WATERLOO	*CONESTOGA COLLEGE OF APPLIED A AND T	30
	WATERLOO UNIV OF-STREAM A (C COM CS IT)	189
	WATERLOO UNIV OF-STREAM B	75
LONDON	*FANSHAWE COLLEGE	40
	*SAULT COLLEGE OF APPLIED A AND T	0
	WESTERN ONTARIO UNIV OF	79
MONTREAL	CONCORDIA UNIV (C)	245
	ECOLE DE TECHNOLOGIE SUPERIEURE	10
	ECOLE POLYTECHNIQUE-UNIV OF MONTREAL	131
	MCGILL UNIV (C)	189
NEW BRUNSWICK	NEW BRUNSWICK UNIV OF	152
NEWFOUNDLAND-LABRADOR	NEWFOUNDLAND MEMORIAL UNIV OF	70
NORTHERN CANADA	ALBERTA UNIV OF (C)	173
	*WESTERRA INSTITUTE OF TECH	15
OTTAWA	*ALGONQUIN COLLEGE OF APPLIED A AND T	1
	CARLETON UNIV (C)	194
	OTTAWA UNIV OF	128
QUEBEC	COLLEGE MILITAIRE ROYAL-ST JEAN	0
	LAVAL UNIV	198
SAINT MAURICE	QUEBEC UNIV OF-TROIS RIVIERES	69
SOUTH SASKATCHEWAN	REGINA UNIV OF	48
	*SASKATCHEWAN TECHNICAL INST	6
	SASKATCHEWAN UNIV OF	150
SOUTHERN ALBERTA	CALGARY UNIV OF	104
	*SOUTHERN ALBERTA INST OF TECHNOLOGY	28
TORONTO	CENTENNIAL COLLEGE OF APPLIED A AND T	6
	*DEVRY INST OF TECHNOLOGY-TORONTO	22
	*GEORGE BROWN COLLEGE OF APPLIED A & T	45
	*NORTHERN COLLEGE OF APPLIED A AND T	10
	*RADIO COLLEGE OF CANADA	9
	*RYERSON POLYTECHNIC INST	166
	*SENECA COLLEGE OF APPLIED A AND T	23
	TORONTO UNIV OF	217
VANCOUVER	*BRITISH COLUMBIA INST OF TECHNOLOGY	17
	BRITISH COLUMBIA UNIV OF (C)	186
	SIMON FRASER UNIV	28
VICTORIA	VICTORIA UNIV OF	89
WINNIPEG	LAKEHEAD U	83
	MANITOBA UNIV OF (C)	171
	*RED RIVER COMMUNITY COLLEGE	40

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SECTION BREGION 8

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
	ZIMBABWE UNIV OF	5
	KUWAIT UNIV	82
BENELUX	CATHOLIC U OF LOUVAIN	135
	DELFT UNIV OF TECHNOLOGY	72
	EINDHOVEN UNIV OF TECHNOLOGY (C COM)	128
	KATHOLIEKE UNIV TE LEUVEN	131
	LIEGE UNIV AV SART TILMAN	88
	TECHNISCHE HOGESCHOOL TWENTE	24
CENTRAL & SOUTH ITALY	FLORENCE UNIV OF	8
	ROME UNIV OF	41
DENMARK	DENMARK SECTION STUDENT BRANCH	12
EGYPT	CAIRO UNIV OF	20
	MENOUFIA UNIVERSITY	19
FINLAND	HELSINKI UNIV OF TECHNOLOGY	63
	OULU UNIV OF	66
	TAMPERE UNIV OF TECHNOLOGY	24
FRANCE	ECOLE NATIONAL SUPERIORE TELECOM	7
	NATIONAL POLYTECHNIC DE GRENOBLE ENSIEG	4
GERMANY (WEST)	FACHHOSCHSCHULE FURTWANGEN	28
	KAISERSLAUTERN UNIV	19
	MUNICH TECHNICAL UNIV OF	43
	STUTTGART UNIV OF	32
GREECE	ARISTOTELIAN UNIV OF THESSALONIKA	42
	ATHENS NATIONAL TECHNICAL UNIV	80
ISRAEL	BEN GURION UNIV OF THE NEGEV	20
	ISRAEL INST OF TECHNOLOGY	47
	TEL-AVIV UNIV	51
NORTH ITALY	BOLOGNA UNIV OF	15
	GENOVA UNIV OF	40
	PADOVA UNIV OF	20
	POLITECNICO DI MILANO	56
	POLITECNICO DI TORINO	21
	TRIESTE UNIV OF	45
POLAND	WARSAW UNIV OF TECHNOLOGY	5
PORTUGAL	*PORTUGAL SECTION STUDENT BRANCH	2
SPAIN	ESCUELA TEC SUP TELECOM-MADRID (C,EMB)	151
	ESCUELA TECH SUP ING TELECOMUNICACION	118
SWEDEN	CHALMERS UNIV OF TECHNOLOGY	27
	LINKOPING UNIV	20
	LUND INST OF TECHNOLOGY	10
	ROYAL INST OF TECH	9
	UPPSALA UNIV OF	12
SWITZERLAND	ECOLE POLYTECHNIQUE FEDERALE LAUSANNE	37
	SWISS FEDERAL INST OF TECHNOLOGY-ETH	245
UKRI	UKRI SECTION STUDENT BRANCH	101
YUGOSLAV	LJUBLJANA UNIV OF	37

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SECTION BREGION 9

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
ARGENTINA	BUENOS AIRES INST TECNOLOGICAL DE	43
	BUENOS AIRES UNIV DE (C)	118
	DEL SUR UNIV DE	19
	NACIONAL TECNOLOGICA UNIV	18
	TUCUMAN NACIONAL UNIV DE	71
BAHIA	BAHIA FEDERAL UNIV DA	30
CHILE	ANTOFAGASTA UNIVERSIDAD DE	19
	CHILE CATOLICA UNIV DE	30
	CHILE UNIV DE	45
	SANTA MARIA UNIV TECNICA FEDERICO	69
	SANTIAGO UNIV DE	81
	TARAPACA UNIV DE	31
	VALPARAISO UNIV CATOLICA DE	37
COLOMBIA	CAUCA UNIVERSIDAD DEL	20
	COLOMBIA UNIV AUTONOMA DE	23
	COLOMBIA UNIV NACIONAL DE	113
	COLOMBIA UNIV PILOTO DE	0
	DISTRITAL UNIV FRANCISCO JOSE CALDAS (C)	93
	ESCUELA COLOMBIANA DE INGENIERIA	5
	LOS ANDES UNIV DE (C,P)	34
	PONTIFICIA UNIV JAVERIANA	34
COSTA RICA	COSTA RICA UNIV DE	26
ECUADOR	ESCUELA POLITECNICA NACIONAL-ECUADOR	28
EL SALVADOR	CENTROAMERICANA UNIV DE JOSE SIMEON CANAS	33
	*EL SALVADOR UNIV EVANGELICA DE	22
	EL SALVADOR UNIV POLITECNICA DE	36
	EL SALVADOR UNIVERSIDAD DE	2
GUATEMALA	SAN CARLOS UNIV DE GUATEMALA (C)	62
MEXICO	ESCUELA SUPERIORE ING MECANICA Y ELECTRICA	10
	IBEROAMERICANA UNIVERSIDAD	40
	INST TECNOLOGICO REGIONAL CIUDAD JUAREZ	1
	LA SALLE UNIV DE AC	100
	MEXICO NACIONAL AUTONOMA UNIV DE	25
MONTERREY	INST TEC DE ESTUDIOS SUP MONTERREY (C)	285
	NUEVO LEON UNIV AUTONOMOUS DE	26
PANAMA	PANAMA UNIV TECNOLOGICA OF	38
PERU	LIMA UNIV NACIONAL DE ING	53
PUERTO RICO & CARIBBEAN	PUERTO RICO UNIV OF	178
RIO DE JANEIRO	FEDERAL FLUMINENSE UNIV-ESCOLA ENG	0
SAO PAULO	ARMANDO ALVARES PENTEADO FOUNDATION-ENG	0
	ESCOLA POL UNIV DE SAO PAULO	7
	ESTADUAL DE CAMPINAS UNIVERSIDADE	7
	ESTADUAL PAULISTA JULIO DE MESQUITA	0
	MACKENZIE UNIV	24
	SAO CARLOS ESCOLA DE ENG OF	10
VENEZUELAN	CARABOBO UNIV DE	38
	IUPFAN-INST UNIV POLITEC FUERZAS ARMADAS	14
	VENEZUELA CENTRAL UNIV DE	119

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SECTION BREGION 10

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
	MORATUWA UNIV OF-SRI LANKA	1
BANGALORE	*GOGTE INST OF TECHNOLOGY	68
	INDIAN INST OF SCIENCE-BANGALORE(C)	93
	KARNATAKA REGIONAL ENGRG COLLEGE	33
BEIJING	NANJING INST OF TECHNOLOGY	10
	TSINGHUA UNIV-QING HUA	17
BOMBAY	BIRLA INST OF TECH AND SCIENCE	109
	INDIAN INST OF TECHNOLOGY--BOMBAY (C)	53
	M S UNIV OF BARODA	62
	*RAMRAO ADIK INST OF TECH	14
	REGIONAL ENG COLLEGE--WARANGAL	21
	VICTORIA JUBILEE TECHNICAL INST	46
CALCUTTA	BIRLA INST OF TECH-MESRA	0
	JADAVPUR UNIV	18
DELHI	BANARUS HINDU UNIV	67
	DELHI COLLEGE OF ENG (P)	86
	INDIAN INST OF TECH-DELHI	29
	INDIAN INST OF TECHNOLOGY-KANPUR	23
	KURUKSHETRA REGIONAL ENG COLLEGE	3
HONG KONG	CHINESE UNIV OF HONG KONG	74
	HONG KONG POLYTECHNIC (C)	45
	HONG KONG UNIV OF	150
HYDERABAD	OSMANIA UNIV	0
	SRI VENKATESWARA UNIV	48
	VISVESVARAYA REGIONAL COLLEGE OF ENG	89
KARACHI	NED UNIV OF ENG AND TECH	14
KERALA	CALICUT REGIONAL ENGRG COLLEGE (C)	95
	COCHIN UNIV OF (C)	28
	N S S COLLEGE OF ENG	87
	T K M COLLEGE OF ENG	54
	TRICHUR GOVT ENG COLLEGE-U CALICUT	54
	TRIVANDRUM COLLEGE OF ENG (C)	27
KHARAGPUR	INDIAN INST OF TECH-KHARAGPUR	40
KOREA	HANYANG UNIV (CAS, C, COM, ED)	79
	INHA UNIV	32
	KOREA ADVANCED INST OF SCIENCE	225
	KOREA UNIV	14
	SEOUL NATIONAL UNIVERSITY	161
	YONSEI UNIV	33
MADRAS	ALAGAPPA CHETTIAR COLLEGE OF ENG AND TECH	73
	ANNA UNIV-COLLEGE OF ENG-MADRAS (C)	165
	ANNAMALAI UNIV	42
	COIMBATORE INST OF TECHNOLOGY	55
	GOVERNMENT COLLEGE OF ENG SALEM	19
	HINDUSTAN COLLEGE OF ENGRG	27
	INDIAN INST OF TECHNOLOGY-MADRAS (C)	35
	KARUNYA INST OF TECHNOLOGY	58
	MADRAS INST OF TECHNOLOGY (C,IM)	51
	MANIPAL INST OF TECHNOLOGY	42
	MARUTHI COLLEGE OF ENG	0
	MEPCO SCHLENK ENGRG COLLEGE	81

* IEEE LESS THAN FOUR YEAR STUDENT BRANCH.

SECTION BREGION 10 (cont'd)

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
MADRAS (cont'd)	MOHAMED SATHAK ENGRG COLLEGE	45
	PONDICHERRY ENG COLLEGE	11
	PSG COLLEGE OF TECHNOLOGY (C)	96
	PSNA COLLEGE OF ENG AND TECH	106
	REG ENG COLLEGE-TIRUCH (C,COM,PE,EM,EMB)	203
	S K CRESCENT ENG COLLEGE	17
	SRI VENKATESWARA COLLEGE OF ENG-NAZARA	42
	THIAGARAJAR COLLEGE OF ENG-MADURAI	73
	VLB JANAKIAMMAL COLLEGE	0 44
	NEW ZEALAND SOUTH	CANTERBURY UNIV OF
PAKISTAN	LAHORE UNIV OF ENG AND TECH	11
REPUBLIC OF PHILIPPINES	PHILIPPINES UNIV OF (C)	17
SINGAPORE	NANYANG TECHNOLOGICAL INSTITUTE	381
	SINGAPORE NATIONAL UNIV OF	159
THAILAND	CHULALONGKORN UNIVERSITY	26
TOKYO	OSAKA UNIV	21
	SHIZUOKA UNIV	23
	TOKYO UNIV OF	63

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TABLE I - SOCIETIES/COUNCILS BY DIVISION

Division I - Circuits and Devices

CAS-04	Circuits and Systems
CHMT-21	Components, Hybrids, and Manufacturing Technology
ED-15	Electron Devices
LEO-36	Lasers and Electro-Optics
SSC-37	Solid-State Circuits Council

Division II - Industrial Applications

DEI-32	Dielectrics and Electrical Insulation
IA-34	Industry Applications
IM-09	Instrumentation and Measurement
PEL-35	Power Electronics

Division III - Communications Technology

BT-02	Broadcast Technology
COMM-19	Communications
CE-08	Consumer Electronics
VT-06	Vehicular Technology

Division IV - Electromagnetics and Radiation

AP-03	Antennas and Propagation
EMC-27	Electromagnetic Compatibility
Mag-33	Magnetics
MTT-17	Microwave Theory and Techniques
NPS-05	Nuclear and Plasma Sciences

Division V - Computer*

COMP-16	Computer
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Division VI - Engineering and Human Environment

Ed-25	Education
EM-14	Engineering Management
PC-26	Professional Communication
R-07	Reliability
SIT-30	Social Implications of Technology

Division VII - Energy and Power Engineering

PE-31	Power Engineering
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Division VIII - Computer*

COMP-16	Computer
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Division IX - Signals and Applications

ASSP-01	Acoustics, Speech, and Signal Processing
AES-10	Aerospace and Electronic Systems
GRS-29	Geoscience and Remote Sensing
OE-22	Oceanic Engineering
UFFC-20	Ultrasonics, Ferroelectrics and Frequency Control

Division X - Systems and Control

CS-23	Control Systems
EMB-18	Engineering in Medicine and Biology
IE-13	Industrial Electronics
IT-12	Information Theory
RA-24	Robotics and Automation
SMC-28	Systems, Man, and Cybernetics

* The Computer Society is represented by two Divisions

SECTION C

TABLE 2 - SOCIETY MEMBERSHIP, BY DIVISION, BY SOCIETY, BY GRADE, DECEMBER 31, 1988; 3-YEAR COMPARISON, MEMBERS AND AFFILIATES

SOCIETY CODE	HM	F	SM	M	VOTING	HIGHER	S	1988	1988	1988	1987	1986	
					MEMBERS SUBTOTAL	GRADE SUBTOTAL		TOTAL MEMBERS	TOTAL AFFIL.	MEMBERS & AFFIL.	MEMBERS & AFFIL.		
DIVISION I		765	2,046	20,512	23,323	1,718	25,041	5,428	30,469	123	30,592	28,986	28,164
CAS -04		312	772	9,649	10,733	840	11,573	2,963	14,536	5	14,541	13,837	13,307
CHMT-21		74	339	3,027	3,440	442	3,882	322	4,204	30	4,234	3,925	3,863
ED -15		386	907	7,485	8,778	530	9,308	1,262	10,570	3	10,573	10,245	9,962
LEO -36		203	470	4,164	4,837	404	5,241	1,723	6,964	85	7,049	6,397	6,322
DIVISION II		399	2,421	14,022	16,842	1,359	18,201	1,293	19,494	15	19,509	18,645	16,635
DEI -32		92	371	1,351	1,814	188	2,002	89	2,091	10	2,101	1,977	1,892
IA -34		198	1,590	7,827	9,615	610	10,225	447	10,672	2	10,674	10,555	10,718
IM -09		144	471	4,079	4,694	543	5,237	531	5,768	2	5,770	5,557	5,496
PEL -35		63	369	3,005	3,437	297	3,734	526	4,260	1	4,261	3,675	
DIVISION III		608	2,484	24,839	27,931	2,784	30,715	4,701	35,416	259	35,675	34,545	32,796
BT -02		79	276	1,610	1,965	364	2,329	288	2,617	2	2,619	2,536	2,679
CE -08		94	354	3,998	4,446	593	5,039	841	5,880	5	5,885	5,921	5,812
COMM-19		499	1,973	20,274	22,746	2,044	24,790	3,756	28,546	251	28,797	27,752	26,081
VT -06		81	336	1,903	2,320	220	2,540	262	2,802	2	2,804	2,632	2,564
DIVISION IV		768	2,500	16,131	19,399	1,515	20,914	2,696	23,610	284	23,894	22,333	20,616
AP -03		304	928	5,402	6,634	443	7,077	1,257	8,334	3	8,337	7,958	7,507
EMC -27		106	391	2,494	2,991	312	3,303	227	3,530	5	3,535	3,211	2,964
MAG -33		133	451	2,519	3,103	343	3,446	279	3,725	96	3,821	3,653	3,588
MTT -17		365	1,113	8,038	9,516	644	10,160	1,590	11,750	11	11,761	10,709	9,464
NPS -05		132	394	2,112	2,638	204	2,842	261	3,103	170	3,273	3,214	3,057
DIVISIONS V & VIII	1	679	3,170	55,746	59,596	6,584	66,180	13,687	79,867	20,712	100,579	90,223	89,978
COMP-16	1	679	3,170	55,746	59,596	6,584	66,180	13,687	79,867	20,712	100,579	90,223	89,978
DIVISION VI		408	1,935	13,030	15,373	1,581	16,954	1,487	18,441	206	18,647	17,612	17,224
E -25		187	533	1,711	2,431	239	2,670	279	2,949	12	2,961	2,643	2,511
EM -14		108	778	6,686	7,572	677	8,249	719	8,968	109	9,077	8,556	8,418
PC -26		25	257	1,795	2,077	357	2,434	230	2,664	68	2,732	2,607	2,646
R -07		81	421	3,130	3,632	421	4,053	189	4,242	10	4,252	4,061	3,883
SIT -30		102	299	1,783	2,184	236	2,420	316	2,736	8	2,744	2,695	2,733
DIVISION VII		598	4,061	16,741	21,400	1,167	22,567	1,335	23,902	4	23,906	23,311	22,058
PE -31		598	4,061	16,741	21,400	1,167	22,567	1,335	23,902	4	23,906	23,311	22,058
DIVISION IX		644	2,074	17,924	20,642	1,535	22,177	5,044	27,221	99	27,320	26,581	25,283
AES -10		268	928	6,802	7,998	559	8,557	1,800	10,357	7	10,364	10,171	9,752
ASSP-01		305	886	10,098	11,289	810	12,099	3,135	15,234	7	15,241	14,651	13,651
GRS -29		75	237	1,570	1,882	193	2,075	283	2,358	69	2,427	2,382	2,243
OE -22		87	242	1,370	1,699	182	1,881	343	2,224	11	2,235	2,263	2,198
UFFC-20		85	251	1,443	1,779	161	1,940	191	2,131	6	2,137	2,183	2,333
DIVISION X		629	2,089	20,585	23,303	2,065	25,368	5,599	30,967	415	31,382	26,856	26,270
CS -23		218	697	6,916	7,831	591	8,422	2,028	10,450	22	10,472	10,000	9,819
EMB -18		132	469	4,715	5,316	509	5,825	1,601	7,426	73	7,499	7,235	7,006
IE -13		92	430	4,001	4,523	498	5,021	599	5,620	1	5,621	5,351	5,479
IT -12		244	448	3,356	4,048	320	4,368	1,060	5,428	8	5,436	5,153	5,066
RA -24 **		105	402	4,462	4,969	467	5,436	910	6,346	278	6,624	---	---
SMC -28		129	380	3,008	3,517	365	3,882	867	4,749	43	4,792	4,480	4,220
TOTAL SOCIETY MEMBERS	1	2,905	14,157	129,408	146,471	13,095	159,566	26,043	185,609	21,710	207,319	192,729	185,941
TOTAL SOCIETY MEMBERSHIPS	1	6,785	26,394	224,270	257,450	23,357	280,807	46,196	327,003	22,131	349,134	321,719	309,270

** RA MEMBERSHIP WILL NOT BE ACTIVE UNTIL JANUARY 1989

SECTION C

TABLE 3 - SOCIETY MEMBERSHIP, BY REGION, BY SECTION, BY SOCIETY - 1988

REGION 9	TOTAL SOCIETY MEMBERS	TOTAL AFFILIATES	ASSP 1	BT 2	AP 3	CAS 4	NPS 5	VT 6	R 7	CE 8	IM 9	AES 10	IT 12	IE 13	EM 14	ED 15	COMP 16	MTT 17	EMB 18	COM 19	UFFC 20	CHMT 21	OE 22	CS 23	ED 25	PC 26	EMC 27	SMC 28	GRS 29	SIT 30	PE 31	DEI 32	MAG 33	IA 34	PEL 35	LEO 36
ARGENTINA	1087	22	59	9	17	64	4	5	5	26	43	10	15	54	11	19	280*	11	40	67	5	13	5	62	14	4	6	16	6	6	57*	7	13	31	32	21
BAHIA (BC)	197	3	6	2	5	14	1	0	3	4	8	1	3	8	3	3	34	4	6	10	1	2	1	8	6	1	0	7	3	0	19	4	2	20	4	1
BRASILIA (BC)	140	0	17	0	5	11	1	1	1	0	7	3	4	2	1	4	21	4	4	10	1	0	1	2	4	0	0	2	2	1	17	0	1	5	3	2
CHILE	565	7	9	4	15	11	0	2	3	6	13	11	8	16*	15	3	188*	7	18	53	1	0	4	32*	7	1	2	10	0	4	51*	0	0	35	24	5
COLOMBIA	807	11	14	5	25	25	0	1	5	19	17	18	7	26	18	8	168	10	34	65	1	2	3	55	16	7	4	24	6	4	102	6	6	49	24	15
COSTA RICA (CAPC)	89	1	1	2	4	3	2	0	0	3	2	1	0	2	4	0	13	2	1	7	0	0	3	4	0	1	1	1	0	17	3	0	8	1	3	
ECUADOR	188	1	4	2	9	7	3	1	0	4	7	4	0	12	5	3	26	4	9	9	0	1	1	7	5	1	0	2	1	2	21	1	3	17	9	4
EL SALVADOR (CAPC)	205	0	2	3	10	3	1	2	0	3	3	0	0	3	18	0	33	4	6	38*	1	0	0	4	1	1	4	1	0	33	2	1	22	3	3	
GUATEMALA (CAPC)	94	0	2	1	1	2	0	1	0	0	2	1	0	3	3	0	48	1	0	3	0	0	1	0	1	1	0	1	15	0	0	6	0	0		
HONDURAS (CAPC)	59	1	3	1	4	3	0	0	0	1	1	0	0	5	5	0	7	2	2	4	0	0	0	1	0	2	1	0	0	10	0	0	6	1	0	
MEXICO (MC)	1245	30	35	9	13	38	4	9	13	26	41	22	16	44*	44*	11	265*	6	27	101*	2	13	6	63*	26*	38	4	21*	4	10	155*	28	12	57*	24	26
MONTERREY (MC)	205	2	5	2	2	7	0	0	2	7	11	1	1	10	10	0	31	2	1	19	0	4	0	9	3	2	1	0	1	2	26*	6	0	20	8	4
PANAMA (CAPC)	182	5	6	2	8	8	0	4	2	5	3	3	2	7	11	0	24*	5	4	15	0	1	0	6	4	1	0	2	0	3	25*	2	0	18*	3	6
PERU	286	4	4	2	8	10	1	1	4	6	6	3	3	7	18	2	61*	4	5	29*	0	4	0	8	4	4	2	4	1	1	36*	3	2	24	10	2
PUERTO RICO & CARIBBEAN	710	22	19	16	9	13	0	5	3	14	16	17	5	13	38	6	174*	5	7	92*	0	7	6	23	20	12	0	4	8	8	110*	2	1	24	11	5
RIO DE JANEIRO (BC)	345	13	17	1	8*	27*	2	1	6	5	6	0	6	5	4	2*	52*	10*	3	22	2	4	5	16	1	1	2	4	3	4	71*	5	1	23*	11	3
SAO PAULO (BC)	629	31	23	7	14	32	1	2	12	10	17	10	9	19	18*	17	115*	24	10	36	0	13	5	28	11	6	4	10	2	8	62*	9	7	33*	16	19
VENEZUELAN	535	7	18	10	12	26	1	2	4	11	17	37	7	26	16	0	80	48*	12	37*	0	2	0	20	12	3	1	5	2	0	66	5	1	33	14	2
MEMBERS OUTSIDE SECTIONS	206	6	7	5	1	11	1	0	1	2	8	1	4	15	5	2	30	3	3	17	0	0	1	14	1	1	2	2	1	30	1	3	10	15	3	
TOTALS	7774	166	251	83	170	315	22	37	64	152	228	143	90	277	247	80	1650	156	192	634	14	66	42	362	136	87	34	116	41	55	923	84	53	441	213	124

*=CHAPTER OR JOINT CHAPTER ESTABLISHED

SECTION C

TABLE 3 - SOCIETY MEMBERSHIP, BY REGION, BY SECTION, BY SOCIETY - 1988

REGION 10	TOTAL SOCIETY MEMBERS	TOTAL AFFILIATES	ASSP 1	BT 2	AP 3	CAS 4	NPS 5	VT 6	R 7	CE 8	IM 9	AES 10	IT 12	IE 13	EM 14	ED 15	COMP 16	MTT 17	EMB 18	COM 19	UFFC 20	CHMT 21	OE 22	CS 23	ED 25	PC 26	EMC 27	SMC 28	GRS 29	SIT 30	PE 31	DEI 32	MAG 33	IA 34	PEL 35	LEO 36	
AUST CAPITOL TERR(ACT) (AUSC)	231	33	18	4	5	11	1	1	0	6	4	6	9	4	6	2	58	3	1	37	0	1	1	18	4	5	1	2	4	4	3	0	0	4	2	4	
BANGALORE (IC)	411	9	14	0	8	17*	0*	2	6	3	10	9*	6	19*	9	6*	150*	6*	4	23*	2	1	3	17*	4	8	5	6	0	3	29*	0	2	17*	13	4	
BEIJING	436	14	24*	4	12	23	5	5	7	6	15	8	8*	6	9	12	63*	29*	4	40*	7	11*	1	12	7	3	6	7	2	2	44*	10	12	11	6	6	
BOMBAY (IC)	896	10	16	1	8	29*	4*	4	12	21	38	10*	10	54*	32	24*	232*	11*	6	72*	6	15	5	48*	4	8	4	12	1	5	60*	14	13	50*	46	7	
CALCUTTA (IC)	288	4	4	1	12	15	4*	0	2	2	14	2*	0	7*	9	9*	80	10*	4	11*	3	2	1	8*	2	1	6	4	1	2	30*	6	2	13*	9	5	
DELHI (IC)	647	8	18	1	9	28*	1*	1	10	10	12	34*	7	16*	14	16*	190	49*	7	39*	2	3	2	20*	4	2	6	7	1	2	71*	6	8	19*	15	3	
HONG KONG	1989	49	76	28	22	117*	7	11	15	94	24	25	25	41	57	33	694*	33	19	256*	3	33	3	32	11	18	9	11	3	11	126*	6	13	39*	29	21	
HYDERABAD (IC)	219	7	12	0	5	6	0	2	3	1	7	5	2	4	5	2	74	5	4	25	1	1	1	4	0	3	3	6	1	0	18	1	3	4	5	2	
INDONESIA	359	5	10	6	10	21	0	1	4	9	17	9	4	14	13	3	78	13	3	32	0	5	3	21	8	2	0	5	1	4	29	2	0	17	8	1	
KARACHI	105	0	2	0	1	2	0	0	0	1	2	4	0	4	3	1	35	4	1	13	0	0	1	4	1	1	0	0	0	0	19	1	0	2	1	2	
KERALA (IC)	201	2	5	0	2	1	1	0	5	8	5	2	0	13	9	2	82*	0	4	11	0	4	1	2	1	3	0	2	0	4	9	2	1	8	11	2	
KHARAGPUR (IC)	44	0	1	0	4	1	0	0	2	1	0	0	3	1	0	9	10	4	0	1	0	0	0	4	1	0	0	0	0	0	0	0	0	0	1	0	1
KOREA	4014	34	323	28	95	275	34	32	56	68	73	105	150	138	30	195	569*	111	47	360	42	30	19	267	31	24	25	167	35	15	95	40	65	115	97	114	
MADRAS (IC)	570	4	12	6	6	12*	3*	3	5	11	12	12*	3	20*	40*	11*	193*	13*	12	48*	3	2	3	13*	7	5	1	5	3	0	48*	5	4	27*	14	4	
MALAYSIA	430	11	18	2	7	22	0	2	11	13	10	3	5	14	19	12	123	8	6	47	0	16	0	11	3	7	2	3	1	0	38	1	0	7	8	7	
NEW SOUTH WALES (AUSC)	1996	84	110	13	47	99	7	14	27	47	46	46	18	61	64	25	516*	44	49	222*	15	14	14	79	19	29	20	24	16	29	96*	9	12	57	38	33	
NEW ZEALAND NORTH (NZC)	204	8	13	2	7	4	0	3	0	3	6	0	2	8	5	1	62*	4	7	24	0	0	2	5	0	1	0	2	1	4	10	0	1	13*	5	1	
NEW ZEALAND SOUTH (NZC)	328	15	19	3	12	5	2	6	2	5	6	3	2	4	15	1	88	5	13	56	1	3	1	9	1	5	2	3	4	6	18	2	2	11	5	1	
PAKISTAN	152	1	1	0	2	3	0	0	2	4	4	5	1	7	7	2	43	5	2	11	0	1	1	3	1	1	0	0	0	31	2	0	1	4	3		
QUEENSLAND (AUSC)	606	24	34	6	16	28	1	4	9	12	10	12	11	26	19	6	132	20	9	51	0	0	4	23	8	8	1	8	4	12	64	4	1	28	20	4	
REPUBLIC OF THE PHILIPPINES	165	3	9	2	1	5	1	1	1	2	4	1	2	6	7	1	41	2	2	21	0	4	0	4	4	3	0	1	0	1	20	0	0	4	8	3	
SINGAPORE	1637	61	52	5	11	82	1	8	33	42	26	26	20	41*	53	27	627*	27	15	147*	5	46	9	63*	17	18	8	13	3	5	67*	5	8	34	31	13	
SOUTH AUSTRALIA (AUSC)	384	16	40	0	16	17	1	1	3	5	9	17	10	7	16	4	82	14	2	37	0	4	5	16	5	4	6	5	8	4	13	2	4	8	7	5	
TAIPEI	1850	13	146	9	56	173*	9	10	24	38	26	45	49	34	26	123	421*	77*	28	147	11	30	9	77	14	7	8	46	10	2	56	4	12	25	22	45	
THAILAND	447	5	26	4	10	25	7	5	3	10	16	9	9	23	5	8	75	12	4	42	6	4	2	25	7	4	3	4	2	24	4	7	27	13	12		
TOKYO	11497	306	499*	106*	330*	635*	145*	204*	172*	238*	229*	176	334*	245*	119	774*	1789*	492*	215*	1055*	183*	219*	80	378*	89*	53											

SECTION C

TABLE 3 - SOCIETY MEMBERSHIP, BY REGION, BY SECTION, BY SOCIETY - 1988

REGION 7	TOTAL SOCIETY MEMBERS	TOTAL AFFILIATES	ASSP 1	BT 2	AP 3	CAS 4	NPS 5	VT 6	R 7	CE 8	IM 9	AES 10	IT 12	IE 13	EM 14	ED 15	COMP 16	MTT 17	EMB 18	COM 19	UFFC 20	CHMT 21	OE 22	CS 23	ED 25	PC 26	EMC 27	SMC 28	GRS 29	SIT 30	PE 31	DEI 32	MAG 33	IA 34	PEL 35	LEO 36
CANADIAN ATLANTIC (ECC)	347	13	27	1	4	10	0	4	2	2	4	10	4	6	12	4	67*	4	13	24	3	1	24*	11	2	4	3	6	5	4	42	6	1	22	6	3
HAMILTON (CCC)	764	26	46	4	11	22*	10	4	7	23	7	36	11*	23	22	17	144*	20	16	49*	6	8	5	20*	12*	7	6	6	3	8	73*	11*	5	72*	15	17
KINGSTON (CCC)	293	10	19	1	3	13	2	4	1	1	3	7	12	5	7	3	86*	4	4	32	0	2	4	16	2	2	0	1	2	0	11	2*	9	12	7	6
KITCHENER-WATERLOO (CCC)	606	22	30*	2	13*	35*	2	0	4	15	7	20	15*	9	13	21*	173*	25*	12	43*	2	3	2	25*	4	10	2	20	6	9	19	4*	6	19	8	11
LONDON (CCC)	302	11	9	5	8	5	1	0	1	15	3	11	3	13	10	0	70	6	10	21	1	2	2	13	2	4	6	3	2	3	26	6*	4	28	5	1
MONTREAL (ECC)	3053	107	118	38	62*	99*	23	40*	37*	44	75*	80	51*	74*	83*	34	755*	84*	69*	305*	17	23	16	96	30	22	28	41	16	18	286*	41*	12	140*	58	44
N SASKATCHEWAN (WCC)	235	6	11	0	3	9	1	4	5	4	5	7	3	3	7	2	63	4	9	18	1	0	1	6	4	3	2	7	3	3	19	3	2	8	5	3
NEW BRUNSWICK (ECC)	216	6	6	1	6	9	2	4	3	5	1	0	1	4	11	1	44	4	4	26	0	0	0	7	5	9	6	2	2	6	24	0	2	10	6	1
NEWFOUNDLAND-LABRADOR (ECC)	130	5	11	0	3	7	0	0	1	2	3	3	2	3	3	2	22	2	2	18	1	1	10	3	1	2	0	0	2	2	8	0	1	8	4	1
NORTHERN CANADA (WCC)	836	34	22	3	6	33	8	8	7	16	17	17	5	15	19	5	216*	12	24	76	0	8	2	42	8	8	4	12	6	13	106*	2	2	58*	15	16
OTTAWA (ECC)	2563	119	122*	18*	76*	122*	12	26	30*	45*	45*	111*	39	20	78*	62*	664*	114*	34	430*	8	28	19	45	22	35*	49*	40	20	32	58*	10*	16	30	11	38
PETERBOROUGH (CCC)	131	4	0	0	1	2	0	1	0	3	5	3	0	10	2	0	21	1	0	5	1	0	0	4	1	1	1	0	0	3	24	4	4	23	5	1
QUEBEC (ECC)	273	13	24	2	8	8	1	3	1	2	10	6	4	9	2	0	60*	12	4	24	2	1	2	10	3	3	3	3	6	1	15	2	2	15	4	13
S SASKATCHEWAN (WCC)	145	4	5	4	4	5	2	5	1	4	1	2	0	2	6	0	28	3	4	19	0	0	0	6	1	5	0	3	2	2	18	1	0	8	1	1
SAINT MAURICE (ECC)	100	0	3	0	0	1	1	0	2	1	8	1	0	17*	0	0	8	1	2	0	2	0	0	11	3	0	0	0	0	10	2	1	10	13	0	
SOUTHERN ALBERTA (WCC)	824	38	60	2	14	40	2	11	6	20	21	15	9	22	29	10	201*	12	25	57	1	9	5	26	6	11	2	10	22	8	70*	4	0	59*	8	8
TORONTO (CCC)	3962	183	151	54*	63	172*	21	71*	40	130*	69*	100*	43	95	137*	52*	972*	54	74	417*	21	26*	15	117	29	50	30	43	28	47	357*	49*	31	183*	72	55*
VANCOUVER (WCC)	1461	69	59*	17	32*	50	10	33*	13	36	21	33*	18	34*	30	18	339*	27	45	143*	7	15	17	42*	7	15	9	20	18	12	142*	14*	4	110*	16	15
VICTORIA (WCC)	289	12	34	0	4	16	5	6	0	3	3	5	5	4	6	3	72	5	6	29	1	0	19*	8	3	5	0	4	2	7	11	0	0	9	4	1
WINNIPEG (WCC)	696	17	24	8	24*	25	8	17*	5	19	9	11	11	12	18	7	183*	18*	27*	48*	0	3	0	16	5	18	10	2	3	10	80*	8	9	25	8	6
T O T A L S	17226	699	781	160	345	683	111	241	166	390	317	478	236	380	495	241	4188	412	384	1784	74	130	143	524	150	214	162	223	148	188	1399	169	111	849	271	241

*-CHAPTER OR JOINT CHAPTER ESTABLISHED

SECTION C

TABLE 3 - SOCIETY MEMBERSHIP, BY REGION, BY SECTION, BY SOCIETY - 1988

REGION 8	TOTAL SOCIETY MEMBERS	TOTAL AFFILIATES	ASSP 1	BT 2	AP 3	CAS 4	NPS 5	VT 6	R 7	CE 8	IM 9	AES 10	IT 12	IE 13	EM 14	ED 15	COMP 16	MTT 17	EMB 18	COM 19	UFFC 20	CHMT 21	OE 22	CS 23	ED 25	PC 26	EMC 27	SMC 28	GRS 29	SIT 30	PE 31	DEI 32	MAG 33	IA 34	PEL 35	LEO 36
AUSTRIA	578	60	39	3	14	46	5	10	14	5	19	7	19	11	10	15	122	22	12	51	13	7	0	15	8	12	11	13	3	5	16	5	11	8	4	8
BENELUX	2981	198	174	13	72*	205	34	19	43	68	74	49	96	44	71	126	765	69*	82	272	20	44	17	124	31	21	38	72	19	21	76	13	38	44	32	42
CENTRAL & SOUTH ITALY	1421	64	83	12	86*	78	11	9	22	19	36	44	59	34	20	38	214	81*	38	124	15	20	15	62	14	10	31	41	23	9	30	7	14	28	21	31
DENMARK	800	45	57	10	36	46	7	15	14	17	28	14	24	10	12	20	147	47	21	61	11	15	10	31	5	8	17	19	8	5	17	6	3	8	14	23
EAST AFRICA	195	2	5	2	5	9	0	0	2	8	7	3	3	11	13	1	45	4	1	19	0	0	0	6	3	2	0	0	2	2	22	3	2	7	4	2
EGYPT	558	9	29	10	27*	31	6	2	4	11	11	13	8	16	9	16	91*	29*	9	59	1	6	5	28	10	2	5	7	8	2	45*	9	1	15	6	15
FINLAND	837	50	65	4	31	65	9	13	7	20	18	14	13	14	19	20	178	44*	19	78	5	16	11	29	9	7	5	19	15	6	11	7	8	12	4	15
FRANCE	2590	123	158*	17	79	150	47	19	66	36	68	90	80	48	39	102	430*	127*	49	189*	43	64	21	90	27	17	53	66	38	16	94*	37	54	42	26	55
GERMANY (WEST)	3893	541	239	26	107*	329	25	41	55	48	85	75	122	54	61	167	931*	220*	58	321	40	48	18	109	30	24	38	73	46*	35	93	22	55	49	40	108
GREECE	1213	34	72	10	43	43	2	6	15	14	25	38	36	44	33	6	245	36	22	120	2	7	10	83	12	3	5	34	19	7	79*	3	8	49	25	17
HUNGARY	24	2	3	0	1	0	1	0	0	0	1	0	3	0	0	2	2	5	1	2	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0
IRAN	1658	5	72	20	56	130	8	13	13	57	66	76	29	92	16	40	217	53	53	96	17	26	12	89	23	12	18	29	15	5	88	23	14	42	75	32
ISRAEL	1471	97	120	4	54*	56*	12	11	34	23	23	68*	73	30*	37	33*	277*	59*	24	140*	16	21	3	56*	16	15	21*	33	12	9	32*	11	19	25*	17	44
JEDDAH	209	1	5	1	3	9	2	0	5	6	6	5	3	2	11	0	36	4	1	25	3	1	1	8	9	0	0	1	0	1	34	3	0	10	7	4
NIGERIA	161	1	3	1	7	6	0	0	1	7	6	4	2	6	8	2	34	1	1	20	2	5	0	11	3	1	1	2	2	2	11	0	1	5	4	0
NORTH ITALY	2058	105	110	18	46	120	21	27	44	33	59*	35	43	63	44	58	44*	57	45	149	15	39	11	74	17	13	30	46	16	7	86*	27	32	55	47	47
NORWAY	789	40	54	7	22	39	2	8	26	7	23	17	26	11	16	16	172	20	12	81	16	10	20	38	4	8	4	19	20	5	27	5	6	9	3	16
POLAND	186	5	6	1	4	13	1	0	4	1	9	2	0	7	5	11	24	8																		

SECTION C

TABLE 3 - SOCIETY MEMBERSHIP, BY REGION, BY SECTION, BY SOCIETY - 1988

REGION 6	TOTAL SOCIETY MEMBERS	TOTAL AFFILIATES	ASSP 1	BT 2	AP 3	CAS 4	NPS 5	VT 6	R 7	CE 8	IM 9	AES 10	IT 12	IE 13	EM 14	ED 15	COMP 16	MTT 17	EMB 18	COM 19	UFFC 20	CHMT 21	OE 22	CS 23	ED 25	PC 26	EMC 27	SMC 28	GRS 29	SIT 30	PE 31	DEI 32	MAC 33	IA 34	PEL 35	LEO 36
ALAMOGORDO-HOLLOMAN	47	0	0	0	8	1	0	1	2	0	3	6	1	0	3	0	10	5	1	0	0	0	1	2	0	0	1	0	0	0	0	0	1	0	0	
ALASKA	280	15	10	4	9	6	2	2	1	6	9	5	4	5	6	1	51	5	7	28	2	0	3	3	3	4	0	4	6	2	67	1	0	15	4	2
ALBUQUERQUE	1404	96	74	6	70*	57	114	5	26	11	35	57	13	12	33	72*	277	42*	26	49	18	33	7	48	12	4	53*	11	21	14	72*	7	9	16	10	73
BOISE	228	11	4	2	1	16	2	2	6	5	5	2	2	4	9	20	43	4	1	6	0	9	2	9	1	0	4	0	1	0	40	0	7	14	2	2
BUENAVENTURA (LAC)	1233	90	44	8	60*	47*	5*	7*	25*	21	24*	76*	14*	3*	43*	76*	268*	130*	13*	77*	10*	18*	4	37	5*	13*	27*	12*	6*	7*	25*	3	31*	19*	11	37
CHINA LAKE (LAC)	295	38	9	2	17*	12*	2*	2*	6*	7	8*	25*	3*	6*	9*	5*	72*	26*	1*	19*	1*	2*	0	13	2*	2*	6*	0*	4*	1*	13*	0	1*	14*	3	1
EASTERN MONTANA	54	1	0	0	0	0	0	0	0	4	1	2	0	0	2	0	8	0	0	4	0	0	1	3	1	1	0	1	0	1	18	1	0	5	1	0
FOOTHILL (LAC)	1380	120	45	16	44*	53*	12*	15*	26*	22	35*	77*	15*	15*	59*	33*	310*	65*	25*	96*	14*	12*	15	34	18*	11*	25*	12*	14*	9*	100*	10	18*	61*	15	35
FORT HUACHUCA	133	10	3	0	8	1	1	1	1	3	3	1	0	0	4	1	36	5	2	34	0	0	0	2	0	5	5	2	1	1	7	0	0	0	2	3
HAWAII	474	44	15	5	9	11	2	0	0	7	4	11	12	2	13	5	137	11	9	73	3	2	13	10	3	2	6	1	8	4	51	2	2	22	5	11
IDAHO	134	16	5	1	0	12	8	1	3	2	3	3	0	3	6	8	32	2	0	3	2	3	0	2	0	0	1	2	2	0	16	1	0	5	2	4
LAS VEGAS	215	13	4	3	10	4	4	2	0	3	9	16	2	0	6	3	49	16	3	11	0	0	2	9	4	1	3	1	3	1	33*	1	2	3	1	5
LOS ALAMOS	290	42	10	2	5	8	47	1	2	2	7	8	3	2	3	6	54	17	8	14	2	1	0	9	4	6	3	2	1	7	12	4	3	3	5	25*
METROPOLITAN LOS ANGELES (LAC)	1224	75	64	11	24*	61*	13*	10*	15*	22	13*	37*	45*	9*	23*	32*	304*	24*	31*	116*	9*	6*	7	37	8*	6*	19*	26*	6*	11*	102*	6	16*	36*	12	44*
MONTANA	189	13	9	1	2	8	2	0	2	1	2	13	1	3	6	0	36	4	3	8	2	1	1	13	2	1	1	5	1	0	39	1	2	7	0	9
NORTHERN NEVADA	247	9	7	1	1	11	0	0	2	3	5	1	0	8	5	5	57	8	11	13	4	5	0	10	2	2	1	3	6	7	38	2	3	10	4	3
OAKLAND-EAST BAY (SFBAC)	4208	419	153*	18	69*	267	101	32	38	54	62	69	44	46	116	183	1101*	132	96*	369*	21	61	25	111	17	31	44	53	32*	47	306*	19	59	204*	44	99*
ORANGE COUNTY (LAC)	4585	424	232*	22	136*	244*	59*	24*	77*	62	50*	274*	65*	52*	114*	181*	1280*	173*	97*	317*	38*	79*	20	125	20*	27*	63*	56*	20*	29*	197*	10	67*	135*	55	106
PHOENIX	3074	168	99	17	58*	198*	17	32	65	41	40	115	16*	25	70	254*	701*	451*	49	206*	11	102	9	76*	30	31	23*	34	17	20	264*	14	19	55*	32	65
PORTLAND	2562	259	75	16	16	159*	8	11	29	32	55*	38	25	40	63	128*	723*	61*	52*	111*	9*	40*	16	54*	16	20	21	23	8	22*	388*	12	10	164*	28	54*
RICHLAND	248	17	6	1	4	8	10	1	4	1	4	8	1	8	6	2	48*	4	6	10	4	1	3	11	4	4	0	1	3	1	56*	0	1	12	2	9
SACRAMENTO	1554	93	65	23	30	84	9	17*	11	36	24	43	16	23	40	34	420*	48	57*	132*	3	8	7	37	15	5	11	15	9	16	181*	3	10	39	9	34
SAN DIEGO	3940	344	243*	31	120*	158	74	19	74	78	62*	161	100	29	114*	139	1008*	151*	69	354*	11	62*	63*	107*	21	31	73*	52	23	24	182*	20	70*	40	44	78
SAN FERNANDO VALLEY (LAC)	2371	190	97	23	116*	102*	23*	14*	47*	53	37*	165*	38*	23*	71*	52*	556*	179*	53*	120*	8*	42*	12	86	19*	18*	43*	33*	17*	15*	96*	5	45*	44*	23	56
SAN FRANCISCO (SFBAC)	2114	243	74	28	38*	79	19	28	14	40	27	46	20	25	68	76	526	86	54	168*	13	27	11	37	8	22	18	22	9	17	267*	5	21	137*	26	30*
SAN GABRIEL VALLEY (LAC)	1483	106	75	7	55*	72*	23*	9*	14*	22	33*	51*	45*	12*	34*	50*	340*	65*	24*	103*	6*	17*	10	57	8*	10*	9*	34*	41*	7	89*	6	20*	34*	14	55
SANTA BARBARA (LAC)	959	66	63	7	35	45	11	2	13	15	19	55	19	5	12	51	197	65	19	63	4	9	15	30	12	8	14	9	16	6	34	3	27	7	9	41
SANTA CLARA VALLEY (SFBAC)	15078	1336	716*	76	292*	1076	118	57*	241*	279	179	314*	237*	93	437*	1299*	4373	752*	217*	1220*	135*	366*	64	327*	59	82	144*	168*	89	113	336*	35	366*	121	120	318*
SANTA MONICA BAY (LAC)	2190	189	124	14	99*	103*	39*	8*	35*	32	23*	129*	70*	15*	46*	97*	541*	138*	45*	180*	10*	39*	12	73	12*	10*	22*	33*	27*	24*	30*	3	17*	18*	22	71
SEATTLE	3800	395	158	29	120*	165	33	30	44	67	73	192*	37	33	103	84	972*	93*	107*	235*	27	32	60*	107	30	32	76*	43	25	35	354*	13	20	165*	61	83
SOUTH BAY HARBOR (LAC)	3209	285	155	17	167*	136*	45*	10*	45*	43	30*	216*	60*	23*	82*	165*	718*	290*	35*	317*	6*	44*	17	108	11*	21*	44*	35*	23*	22*	49*	8	36*	63*	41	76
SPOKANE	390	25	13	1	16*	19*	2	8	4	3	11	7	7	6	10*	9*	99*	19	1	14	3	5	2	15*	5	4	5	5	2	3	56*	1	3	16*	4	5
TUCSON	874	63	40	5	26*	47	12	3	16	14	16	25	18	6	24	35	205*	36*	36	38*	1	21	2	27	9	5	16*	17	16	10	55*	2	23	12	11	34
UTAH	1172	105	68	12	32*	46	5	4	9	24	21	30	23	17	37	50*	321	62*	42	75	7	13	5	30	10	13	14	13	9	5	75*	1	10	34	5	29
VANDENBERG	117	12	3	0	5	2	1	0	0	1	3	11	0	1	2	2	31	9	0	11	1	0	3	3	1	0	2	1	0	1	8	2	4	4	0	3
WENATCHEE	50	6	1	1	0	1	0	1	0	0	1	0	1	2	2	0	7	1	0	0	0	0	0	0	1	0	0	0	0	3	25	0	0	3	0	0
T O T A L S	61805	5338	2763	410	1702	3319	823	359	897	1016	936	2289	957	556	1681	3138	15971	2879	1200	4644	385	1060	412	1662	373	432	797	729	466	485	3681	201	922	1538	627	1500

*=-CHAPTER OR JOINT CHAPTER ESTABLISHED

SECTION C

TABLE 3 - SOCIETY MEMBERSHIP, BY REGION, BY SECTION, BY SOCIETY - 1988

REGION 4	TOTAL SOCIETY MEMBERS	TOTAL AFFILIATES	ASSP 1	BT 2	AP 3	CAS 4	NPS 5	VT 6	R 7	CE 8	IM 9	AES 10	IT 12	IE 13	EM 14	ED 15	COMP 16	MTT 17	EMB 18	COM 19	UFFC 20	CHMT 21	OE 22	CS 23	ED 25	PC 26	EMC 27	SMC 28	GRS 29	SIT 30	PE 31	DEI 32	MAG 33	IA 34	PEL 35	LEO 36
ARROWHEAD	174	4	3	2	4	4	1	1	0	3	5	1	0	3	5	4	60	2	1	6	0	0	0	3	2	0	1	0	0	2	38	1	2	12	5	2
CALUMET	415	26	15	5	4	13	1	3	2	11	6	9	1	18	14	0	89*	2	7	17	0	2	4	24	7	1	2	6	2	4	71*	2	4	45*	8	6
CEDAR RAPIDS	393	48	21	0	9	16	5	5	6	7	5	18	6	4	12	0	110*	21	11	27	4	4	1	11	1	3	7	7	4	1	27	2	3	15	7	5
CENTRAL ILLINOIS	1239	75	63	8	54	65	13	2	9	15	8	16	36*	10	21	56	312	64	31	57	26	13	7	61	15	3	11	21	12	9	96*	1	9	31	8	54
CENTRAL INDIANA	2172	122	136	27	30	97	15	25	10	78	31	57	45	27	47	62	481*	38	47	146	11	22	12	97	39	10	13	52	16	10	260*	6	27	61	31	35
CENTRAL IOWA	500	35	27	5	8	30	2	1	6	6	4	14	5	5	7	9	159	10	9	27	6	2	1	23	13	4	0	3	1	4	70	1	8	13	5	9
CHICAGO	6582	559	236*	60*	110*	221*	63*	116*	76*	211*	100*	110	65*	150*	230*	84*	1780*	154*	191*	665*	53	93*	25	147*	32	58*	77*	56	20	67	548*	52	56	317*	87	133*
FORT WAYNE	436	28	13	3	11	12	5	9	11	11	10	19	9	8	13	3	84*	16	2	45	2	7	5	6	4	7	5	6	0	8	38	13	6	17	10	9
ILLINOIS VALLEY	171	14	4	4	4	4	2	2	2	3	2	2	1	7	3	1	52*	3	6	8	0	1	2	14	2	1	1	0	2	1	13	1	0	13	1	2
IOWA-ILLINOIS	236	16	8	1	2	7	1	2	3	3	3	5	1	10	5	4	47	2	6	6	1	3	0	8	1	4	1	3	0	3	55	0	5	19	6	6
MADISON	884	46	57	3	8	35	18	2	8	10	10	8	9	15	25	24	203	19	63	40	6	7	1	50	13	5	3	14	5	8	122*	1	12	29	23	15
MICHIANA	411	17	29	3	2	24	2	1	5	11	11	16	10	15	6	89	2	10	24	2	4	0	36	8	5	4	1	1	5	27	2	3	10	7	4	
MILWAUKEE	2188	68	81*	18	20	71	11	14	15	59	31	45	21	80*	70*	22*	476*	54*	145*	89*	18	27	6	78*	11	13	18	14*	3	14	248*	29	40*	217*	56	35
MISSOURI SLOPE	60	1	0	0	3	0	0	0	0	0	0	0	0	1	2	0	9	1	1	4	0	0	0	1	0	3	0	0	0	0	31*	0	0	2	2	0
NEBRASKA	729	49	14	6	13	21	5	9	4	16	8	22	10	13	50*	5	137*	9	18	49	3	5	7	13	4	8	5	3	5	2	197*	2	3	28	7	16
NORTHEAST MICHIGAN	333	16	9	2	7	12	0	6	6	7	3	10	2	11	8	5	86	5	7	18	0	7	1	16	4	4	5	4	1	2	29	8	3	19	5	10
NORTHEASTERN WISCONSIN	585	26	16	7	11	15	3	3	5	16	5	14	4	26	13	6	97	15	8	24	3	3	1	35	14	9	4	6	2	4	107*	10	5	64	15	4
RED RIVER VALLEY	273	13	4	6	6	8	0	3	0	3	1	10	1	6	5	3	75	6	25	14	0	2	3	11	7	1	3	1	0	1	39	1	2	11	5	3
ROCK RIVER VALLEY	339	14	7	4	2	12	5	0	7	8	7	23	2	23	14	7	59	4	2	17	2	8	1	19	3	6	6	1	0	2	28	2	11	24	13	3
SIOUXLAND	134	11	4	2	1	6	0	1	0	2	1	1	2	1	2	1	26	2	6	9	0	2	1	3	3	0	2	0	0	2	41*	1	2	3	3	2
SOUTHEASTERN MICHIGAN	4248	312	175*	23	109*	192*	40	105*	29	58	57	118*	73*	106	94	113*	1122*	107*	114	224*	17	40	17	255*	43	36	44	101	44*	37	278*	13	40	143*	31	106
SOUTHERN MINNESOTA	368	37	15	2	4	26	3	4	4	6	3	5	4	10	13	8	126*	8	23	14	2	5	1	9	7	3	4	1	1	4	24	0	6	9	6	4
TOLEDO	390	18	8	2	4	13	4	3	1	5	5	9	6	14*	9	3	92*	5	17	16	0	2	7	23*	4	2	1	6	0	0	55*	7	3	35*	10	4
TWIN CITIES	3716	340	124*	15	38	207*	35	14	72*	52	69	73	37	54	130	184*	1049*	80*	181*	178*	17	69	10	129	25	45	47*	54	12	38*	291*	16	105*	102*	32	56
WEST MICHIGAN	514	48	20	7	7	16	2	7	11	11	6	21	3	64	21	5	143	8	12	31	1	5	3	20	6	4	4	4	2	2	36	3	8	27	8	6
TOTALS	27490	1943	1089	215	471	1127	236	338	292	612	391	626	360	636	828	615	6963	637	943	1755	174	333	116	1092	268	235	268	364	133	230	2769	174	363	1266	391	529

*=-CHAPTER OR JOINT CHAPTER ESTABLISHED

SECTION C

TABLE 3 - SOCIETY MEMBERSHIP, BY REGION, BY SECTION, BY SOCIETY - 1988

REGION 5	TOTAL SOCIETY MEMBERS	TOTAL AFFILIATES	ASSP 1	BT 2	AP 3	CAS 4	NPS 5	VT 6	R 7	CE 8	IM 9	AES 10	IT 12	IE 13	EM 14	ED 15	COMP 16	MTT 17	EMB 18	COM 19	UFFC 20	CHMT 21	OE 22	CS 23	ED 25	PC 26	EMC 27	SMC 28	GRS 29	SIT 30	PE 31	DEI 32	MAG 33	IA 34	PEL 35	LEO 36
ARKANSAS	269	8	7	2	2	4	2	1	1	3	5	6	1	13*	6	1	45*	4	6	10	1	1	1	8	4	1	0	1	1	2	84*	2	0	34	4	2
BEAUMONT	122	7	3	0	6	1	1	1	1	1	6	1	1	4	4	1	18	3	2	5	0	0	3	7	2	1	1	0	0	3	23*	2	0	16	1	4
CENTRAL TEXAS	3085	261	134*	13	65	201	23	13	48	33	41	68	46	21	71	226	1084*	62	60	170*	15	64	12	74	24	29	48*	45	20	18	149*	12	24	36	22	59*
CORPUS CHRISTI	255	7	6	1	4	8	1	3	1	4	4	6	0	6	2	2	56*	8	3	9	1	5	2	7	1	1	2	1	5	1	77*	0	2	13	5	4
DALLAS	4773	329	240*	21	160*	249*	38	51*	54	67	41	197*	50	35	140	272*	1131*	399*	66*	491*	30	68	17	84*	27	40	41*	48	35	19	332*	11	22	113*	35	96*
DENVER	4041	399	172	36	181*	159	33	33*	45*	62	104*	138*	50*	42	128*	90	1005*	143*	85*	340*	18	33	25	112*	34	31	68*	26	75*	29	319*	7	66	136*	45	98
EL PASO	457	31	12	6	23	18	4	2	1	12	12	23	5	10	14	6	103	15	12	30	0	4	1	17	13	4	8	8	5	3	28	3	5	11	6	22
FORT WORTH	1691	132	79	15	67	72*	11	24	24	33	26	109*	16	25	43	27	414*	70	19*	92	6	5	8	66*	14	11	21*	19	13	18	192*	7	11	41	22	37
GALVESTON BAY	534	95	7	0	11	11	2	0	4	3	6	39	3	1	23	3	197*	7	22	58*	0	2	6*	22	1	5	2	8	6	6	25	1	3	16	6	9
HOUSTON	3163	193	163*	18	58*	135*	30	19	27	34	69	53	42	64	62	63*	791*	57*	97*	266*	25	26	29*	99	19	30	16	28	68	20	332*	15	18*	245*	37	50
KANSAS CITY	1358	86	46	10	28	34	7	15	10	27	25	32	17	23	56	12	305	37	30	150	4	7	3	26	21	15	11	11	15	13	249*	11	6	54	13	14
LAFAYETTE	184	10	6	1	0	7	0	2	1	0	1	2	4	2	4	1	93	0	2	22	0	1	0	1	2	2	0	4	0	0	14	0	0	5	1	2
OKLAHOMA CITY	547	30	26	5	11	17	5	8	8	9	8	20	4	12	17	7	129*	9	21	35	3	6	1	15	4	4	6	7	12	1	69*	4	8	24*	9	13
OZARK	159	7	5	1	3	4	1	0	0	5	2	7	2	5	9	5	33	2	5	6	0	3	2	6	5	1	1	4	3	3	19	0	2	8	5	1
PANHANDLE	67	3	0	1	0	2	0	0	0	2	2	0	0	0	0	0	8	1	1	1	0	0	1	2	2	0	0	0	0	0	35	0	0	8	0	1
PERMIAN BASIN	58	3	0	2	0	1	0	0	1	1	4	1	0	4	5	0	10	0	1	1	0	2	0	3	1	0	0	0	0	0	10	1	0	7	2	0
PIKES PEAK	1032	94	31	1	29	70*	33	3	20	6	16	48	13	6	29	86*	271*	57	10	101	4	19	6	33	13	9	8	10	5	6	26	1	15	10	5	21
SAINT LOUIS	2679	171	90	16	67*	108	22	15	29	44	30	140	34	50	79	53*	641*	81*	59	206*	18	18	7	100	31	20	24	46	15	14	277*	11	18	155*	29	73
SHREVEPORT	207	14	4	0	1	4	0	1	1	1	4	8	3	6	5	1	53	3	13	6	0	1	2	7	2	3	0</									

SECTION C

TABLE 3 - SOCIETY MEMBERSHIP, BY REGION, BY SECTION, BY SOCIETY -- 1988

REGION 3	TOTAL SOCIETY MEMBERS	TOTAL AFFILIATES	ASSP 1	BT 2	AP 3	CAS 4	NPS 5	VT 6	R 7	CE 8	IM 9	AES 10	IT 12	IE 13	EM 14	ED 15	COMP 16	MTT 17	EMB 18	COM 19	UFFC 20	CHMT 21	OE 22	CS 23	ED 25	PC 26	EMC 27	SMC 28	GRS 29	SIT 30	PE 31	DEI 32	MAG 33	IA 34	PEL 35	LEO 36
ALABAMA	1102	56	24	8	24	23	9	3	6	14	13	22	1	28	30	16	235*	17	27	130*	1	9	5	43	18	11	14	7	0	4	219*	15	3	68*	16	23
ATLANTA	4003	205	232*	57	168*	161	12	24	19	90	46	156*	51	42	121*	53	768*	191*	73*	439*	15	24	23	122	43	29	47*	46	25	33	455*	26	23	197*	40	95*
BATON ROUGE	259	21	7	1	1	5	1	0	2	3	6	4	4	8	2	9	66	3	3	11	0	2	5	7	4	4	0	4	7	0	35	0	1	44*	4	4
BROWARD (FC)	651	39	23	8	13	31	3	11	11	12	10	15	11	9	29*	10	176*	15	10	78*	1	8	4	13	2	2	6	3	1	9	93*	1	7	13	5	3
CANAVERAL (FC)	249	23	10	1	11	6	0	2	2*	5	8	33	0	5	8*	6	64*	4	5	20	0	1	4	9	2	2	5	3	2	6	9	0	0	6	0	6
CENTRAL GEORGIA	273	17	7	1	8	13	4	1	1	5	5	14	0	10	3	3	58*	13	5	15	1	4	2	12	3	2	2	0	0	1	42	1	0	23	7	5
CENTRAL NORTH CAROLINA (NCC)	230	14	13	2	3	24	1	0	2	5	3	3	0*	6	14	13	61	4	3	18*	1	4	3	3	2	3	1	0	1	1	16	0	0	12	4	3
CENTRAL SAVANNAH RIVER (SCC)	149	16	2	0	0	3	3	0	3	0	6	3	0	3	10	2	27	3	6	9	0	1	0	8	3	0	0	1	0	0	26	0	1	18	3	4
CENTRAL VIRGINIA (VC)	648	50	33	7	20	16	11	17	7	11	12	14	25	18	15	8	151	28	17	67	7	7	3	21	5	6	7	26	1	10	32	2	6	14	2	14
CHARLOTTE (NCC)	664	22	8	8	3	8	2	2	3	10	2	12	3	10	14	6	154*	8	6	39*	4	6	2	10	6	4	3	4	0	5	236*	3	10	44	10	15
CHATTANOOGA (TC)	265	16	4	2	0	2	4	1	1	0	5	1	0	3	13	1	37	1	0	7	0	0	1	10	2	1	0	0	0	0	135*	2	1	18	8	4
COASTAL SOUTH CAROLINA (SCC)	286	11	10	4	6	3	4	1	2	4	4	8	3	4	10	1	42	5	8	15	1	2	3	11	4	3	6	5	1	1	62	4	4	23	5	11
COLUMBIA (SCC)	404	20	8	5	7	10	5	1	7	4	6	5	3	9	14	2	127	5	10	24	0	3	1	10	3	3	5	6	2	5	48	7	5	32	8	4
DAYTONA (FC)	156	13	4	2	2	5	1	0	1*	2	2	5	1	1	6	1	49	3	4	9	2	0	1	2	1	1	3	7	2	3	24	0	0	4	1	2
EAST TENNESSEE (TC)	621	32	16	3	6	17	24	2	4	22	20	12	4	16	15	11	132*	7	13	21	2	7	4	26	5	3	4	10	3	3	122*	5	1	32	19	14
EASTERN NORTH CAROLINA (NCC)	2525	188	105	21	27	121	32	7	31	44	29	34	19*	37	67	100	703*	44	102	327*	9	27	10	44	25	25	24	24	11	15	245*	13	15	60*	47	35
EVANSVILLE OWENSBORO	249	6	2	2	4	11	3	2	8	3	7	4	0	18	9	3	50	9	1	5	0	7	0	15	3	3	0	0	2	1	36	2	4	20	6	1
FLORIDA WEST COAST (FC)	1760	75	72*	18	42*	44	18	12	30*	36	29	62	17	32	55	24	368*	83*	47	119	5	26	13	38	20	12	16	14	6	17	304*	19	18	76	22	22
GAINESVILLE (FC)	448	27	19	5	6	21	5	3	4	7	6	11	6	2	3	33	130	7	15	20	0	2	2	18	11	1	6	6	1	3	46	0	3	14	8	14
HAMPTON ROADS (VC)	752	87	30	4	17	19	23	1	10	12	12	31	7	7	23	16	212*	23	9	43	10	4	14	44	6	3	7	12	10	6	58	2	6	22	5	30
HUNTSVILLE	1432	147	57	4	45*	43	21	5	23	22	31	159*	17	9	72*	9	385*	63*	8	89	0	6	11	101*	7	13	15	25	10	5	56	5	6	23	6	53*
JACKSONVILLE (FC)	235	15	6	2	2	3	1	5	0	3	3	13	0	3	8	0	56	0	4	25	0	0	1	8	2	2	1	2	2	2	41*	4	3	20	5	4
JAMAICA	250	1	4	8	8	7	0	2	3	15	7	1	4	10	36	0	24	6	1	24	0	0	0	9	6	6	0	2	2	5	35	1	0	9	12	2
LEXINGTON	265	26	8	2	5	6	2	0	3	6	1	5	1	8	10	2	63	2	3	18	1	3	1	8	3	1	12	3	0	4	30	5	5	15	11	5
LOUISVILLE	293	13	4	3	3	7	1	4	3	8	6	3	3	15	8	1	77*	7	11	21	1	1	0	14	7	2	1	8	0	2	28	0	5	18	1	7
MEMPHIS (TC)	493	32	16	6	22	11	4	4	8	12	10	9	8	10	16	6	99	18	25*	35	2	2	5	17	13	4	8	3	4	5	57*	4	2	28	4	9
MIAMI (FC)	884	33	43	10	7	27	5	4*	7	11	16	18	3	15	36*	5	263*	7	64*	49*	4	2	11	15	5	3	0	7	5	4	166*	4	6	38*	9	7
MIDDLE TENNESSEE (TC)	91	8	5	1	2	2	4	0	2	1	4	3	0	3	2	0	19	5	1	4	1	0	1	6	0	1	0	0	0	1	5*	0	1	9*	2	3
MISSISSIPPI	408	14	16	4	10	19	4	2	2	6	9	6	2	6	12	7	88	7	4	20	0	4	4	17	6	4	3	1	4	0	101	8	3	12	3	6
MOBILE	175	12	2	2	7	6	0	3	1	2	1	4	1	6	9	3	43	4	3	8	0	1	2	11	1	0	6	1	0	0	24	0	2	13	1	5
NASHVILLE (TC)	559	22	33	9	5	22	8	3	7	10	7	13	2	17	13	7	127*	6	38*	37	1	5	1	28	11	2	2	11	1	6	61*	3	1	31*	9	9
NEW ORLEANS	768	30	30	6	14	19	2	7	11	12	10	18	4	17	24	2	135*	8	24	59*	5	1	25*	23	4	5	5	5	10	6	185*	3	3	59	8	11
OAK RIDGE (TC)	185	21	4	0	1	3	32	1	2	3	6	3	1	8	2	2	49*	1	0	5	1	0	0	7	0	1	2	6	0	3	17	3	4	6	3	4
ORLANDO (FC)	1085	59	60*	4	45*	28	4	14*	18	14	19	71*	16	11	30	24*	274*	69*	9	81*	26*	16*	12	28	6	8	14	8	2	3	74*	5	9	19*	8	46
PALM BEACH (FC)	785	43	31	3	14	15	4	8	9	14	10	26	5	6	30	10	234*	14	13	90	2	8	9	18	8	9	12	5	3	7	111*	6	4	14	4	14
PENSACOLA (FC)	294	18	10	1	13	7	1	0	1	1	2	30	2	6	6	2	64	19	6	18	0	1	5	27	1	4	4	5	2	2	22	0	7	10	7	4
PIEDMONT (SCC)	513	21	15	0	9	9	3	3	12	2	11	10	3	16	7	9	152	12	4	25	0	4	1	28	10	5	5	7	4	1	55	6	1	60	7	2
RICHMOND (VC)	543	58	13	1	9	6	3	5	2	5	7	23	4	14	22	3	129	10	12	30	1	4	1	21	3	6	11	9	5	4	119	11	0	28	7	5
SAVANNAH	40	5	0	0	1	1	2	0	0	0	0	1	0	2	0	1	9	0	1	1	0	0	0	1	0	0	0	0	0	2	12	0	0	4	0	2
SO BREVARD INDIAN RIVER (FC)	1065	51	67	7	51*	58	21	4	19	12	9	55	22	5	34	67	260	59*	7	126	5	17	5	22	6	12	13	10	6	3	37	0	3	4	4	19
TALLAHASSEE AREA (FC)	229	18	20	2	5	9	4	9	1	4	5	6	2	2	7	3	72	5	4	12	1	2	4	7	3	3	1	6	0	1	10	1	1	6	0	4
TRI CITIES (TC)	275	14	7	2	5	6	1	0	9*	8	15	1	0	18	18*	2	78*	12	3	10	0	2	0	7	3	2	1	2	0	0	25*	3	0	19	2	3
VIRGINIA MOUNTAIN (VC)	705	32	22	4	25	25	4	7	2	5	9	9	7	23*	15	27	148*	21	9	44	7	12	2	35*	14	4	7	9	5	6	66*	4	12	59*	31	14
WESTERN NORTH CAROLINA (NCC)	167	10	2	4	4	4	1	3	3	4	5	2	1*	3	3	3	20	4	4	13*	1	3	2	3	4	2	3	3	1	3	27	4	2	18	4	2
WINSTON SALEM (NCC)	150	7	7	2	2	2	0	3	0	1	2	4	1*	6	6	1	51	1	9	11*	2	0	1	5	0	3	1	1	3	1	12	0	0	7	2	1
T O T A L S	27583	1648	1111	246	682	888	297	186	302	470	436	942	264	507	887	514	6529	833	631	2271	120	238	204	932	291	220	283	317	144	199	3619	182	188	1269	370	550

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SECTION C

TABLE 3 - SOCIETY MEMBERSHIP, BY REGION, BY SECTION, BY SOCIETY - 1988

REGION 1	TOTAL SOCIETY MEMBERS	TOTAL AFFILIATES	ASSP	BT	AP	CAS	NPS	VT	R	CE	IM	AES	IT	IE	EM	ED	COMP	MTT	EMB	COM	UFFC	CHMT	OE	CS	ED	PC	EMC	SMC	GRS	SIT	PE	DEI	MAG	IA	PEL	LEO
SECTION	MEMBERS	IATES	1	2	3	4	5	6	7	8	9	10	12	13	14	15	16	17	18	19	20	21	22	23	25	26	27	28	29	30	31	32	33	34	35	36
BERKSHIRE	158	6	2	0	3	3	2	0	1	0	1	11	0	2	6	3	42*	2	3	3	0	2	2	9*	2	3	4	1	0	1	34*	8	2	3	2	0
BINGHAMTON	746	38	19	7	9	32	1	2	12*	6	7	45*	5	14	28	15	274*	14	8	27	1	21	0	27	11	3	10	13	4	6	48*	2	5	18	18	21
BOSTON (CNEC)	12478	1095	738*	66	366*	551*	118*	68*	205*	209	259*	455*	256*	127	324*	499*	3250*	599*	389*	1102*	97*	220*	88*	347*	65*	76*	103*	182*	82	151*	493*	55	125*	176*	138	294*
BUFFALO	953	61	38	4	20*	27	12	11	8	21	21	45	11	28	24*	17	237*	35*	29	34	5	14	2	36*	9	6	7	15	3	9	82*	18	14	55*	12	27
CONNECTICUT	3804	298	195*	40	69	125	38	14	42*	80	69	114	43	70	119	79	1010*	96	124*	278	52	58	51	118	36	29	39	57*	17	40	263*	45	46	127	58	85
IITHACA	506	36	34	1	10	33	11	0	2	8	8	4	17	2	5	57	114	26	10	31	4	4	4	21	3	1	1	8	4	7	13	2	2	6	2	43
LONG ISLAND (METSAC)	3418	181	131*	42	112*	115	65	38*	79*	84	58*	201*	51*	40	95	70*	738*	271*	101*	260*	35*	64*	23	65*	28	37	55*	43*	13	39	182*	28	40	66*	43	58*
MAINE (CNEC)	450	40	7	11	17	20	7	3	6	4	6	10	4	7	9	21	83	22	8	28	5	5	5	14	8	3	1	5	7	7	63	3	3	32	5	5
MID HUDSON	1171	126	23	6	10	67	7	3	30	22	12	10	5	12	30	111*	431*	17	22	54	3	46	6	14	13	13	12	9	2	13	69*	7	12	19	15	22
MOHAWK VALLEY	737	44	36	3	49	30	2	2	23*	8	6	57*	9	6	19*	15	165*	41	7	55*	0	7	8	26	10	1	21*	7	8	5	43	7	4	12	6	27
NEW HAMPSHIRE (CNEC)	1740	176	85	10	63*	76*	19*	9*	39*	29	36*	62*	17*	23	54*	44*	495*	102*	27*	140*	4*	31*	17*	37*	9*	11*	27*	14*	15	9*	101*	5	27*	25*	15	31*
NEW JERSEY COAST	3004	186	135	21	61*	85*	10	36*	32*	39	30	57*	72	15	69*	75*	794*	115*	29	863*	15	24	12	45*	21	22	36*	30	10	14	51	8	15	23	12	106*
NEW YORK (METSAC)	6592	592	281	106*	92*	235	49	51*	59*	173*	103*	169*	131*	72	169*	195*	1905*	186*	211*	766*	38	66*	51	122*	75	74	38*	99*	17	97	427*	39	46	152*	48	136
NORTH JERSEY (METSAC)	5376	360	272*	68	69*	222	36	69*	77*	131	96*	158*	92*	83	143*	161	1333*	187*	126	682*	23	72*	29	118*	32	38	36	49*	13	46	329*	32	60	183*	72	150
PRINCETON (METSAC)	3115	255	144	35	39*	120*	37	26	25	74*	58	74	58	42	80	157*	802*	129*	104*	372*	21	49	17	59	26	38	14	31	12	26	146*	20	33	67	35	99
PROVIDENCE (CNEC)	1415	120	141	6	15*	50*	4*	5*	19*	15	22*	44*	32*	18	37*	29*	368*	27*	31*	94*	11*	30*	83*	39*	10*	6*	5*	24*	11	13*	116	14	6*	23*	7	27*
ROCHESTER	1385	129	68	7	15	38	12	17	12	37	16	20*	16	27*	33	60*	446*	25	33*	108*	11	16	5	47*	18	10	8	12	7	13	87*	7	28*	38*	10	54
SCHENECTADY	1522	91	54*	5	21	49	22	8	11	15	15	25	25*	27	21	70*	286*	31*	25	79*	11	16	7	55*	17	10	13	30*	5	15	322*	25	37	93*	27	17
SPRINGFIELD	662	38	20	9	40*	29	1	3	1	17	4	18	14	7	8	18*	188	53*	6	36	2	4	6	27	9	3	4	16	19*	6	34	3	4	9	7	17*
SYRACUSE	1115	49	79	6	64*	43*	4	1	18	32	6	60*	16	10	31	41*	247*	89*	23	43*	6	7	8	24	9	9	18	9	5	8	116*	5	1	44*	7	14
VERMONT	513	42	17	2	2	40	2	2	9	6	5	11	2	6	15	82	129	4	21	18	4	8	0	18	7	1	3	3	2	3	45*	4	5	11	4	16
WORCESTER COUNTY (CNEC)	1159	90	47	3	20*	52*	6*	2*	29*	10	11*	21*	13*	13	36*	38*	392*	37*	43*	97*	7*	17*	1*	20*	14*	6*	14*	8*	0	12*	74*	10	25*	17*	28	19*
T O T A L S	52019	4053	2566	458	1166	2042	465	370	739	1020	849	1671	889	651	1355	1857	13729	2108	1380	5170	355	781	425	1288	432	400	469	665	256	540	3138	347	540	1199	571	1268

*=-CHAPTER OR JOINT CHAPTER ESTABLISHED

SECTION C

TABLE 3 - SOCIETY MEMBERSHIP, BY REGION, BY SECTION, BY SOCIETY - 1988

REGION 2	TOTAL SOCIETY MEMBERS	TOTAL AFFILIATES	ASSP	BT	AP	CAS	NPS	VT	R	CE	IM	AES	IT	IE	EM	ED	COMP	MTT	EMB	COM	UFFC	CHMT	OE	CS	ED	PC	EMC	SMC	GRS	SIT	PE	DEI	MAG	IA	PEL	LEO
SECTION	MEMBERS	IATES	1	2	3	4	5	6	7	8	9	10	12	13	14	15	16	17	18	19	20	21	22	23	25	26	27	28	29	30	31	32	33	34	35	36
AKRON	540	21	17	3	8	12	6	8	6	8	11	15	5	15	14	3	114*	9	16	15	3	4	4	23	4	2	5	7	2	6	107*	8	7	52*	6	3
ALLEGHENY MOUNTAIN	33	0	1	1	0	0	0	0	1	1	1	0	0	3	2	1	6	1	0	2	0	2	0	0	1	2	0	0	0	3	2	0	2	1	0	0
BALTIMORE	4217	353	236	41	153*	104	34*	29	75*	59	66	298*	86	38	139	104	930*	227*	108*	453*	38*	36	38	87	29	37	74*	36	25	25*	269*	17	21	149*	32	69
CANTON	193	7	6	0	4	5*	2	3*	1	4	3	6	1	6	1	1	53*	4	2	8*	2	2	4	4	3	0	2	0	2	1	31*	2	1	19	1	1
CENTRAL PENNSYLVANIA	614	30	54*	2	21	27	3	3	4	8	7	28	12	5	7	26	163	24	19	38	9	5	6	27	10	5	8	2	10	12	18	0	4	14	3	21
CINCINNATI	804	87	34	7	17	26	7	9	6	18	17	19	4	18	26	25	216	26	14	47	6	9	2	45	4	6	4	7	0	7	64*	7	6	65*	8	13
CLEVELAND	1734	82	56*	15*	25	62*	23	18*	15*	20*	45*	34*	11	73*	55*	36*	389*	33*	87*	65	16	16	11	94*	11	16	6	37*	4	9	172*	12	21	143*	38	22*
COLUMBUS	1791	143	57	14	76*	59	10	12	9	24	28	56	12	41	40	21	495*	52*	44	110*	6	12	10	79*	24	13	9	36	7	10	206*	16	16	73*	31	33
DAYTON	1507	109	70	2	69*	36	10	10	19	17	20	140*	15	13	98*	33	369*	68*	28*	85	13	8	6	60*	19	16	28*	23	8	12	66*	8	12	39*	14	50
DELAWARE BAY	547	49	30	4	4	18	2	5	2	17	10	6	14	15	10	14	109*	11	25	28	2	7	3	21	3	3	4	7	2	6	66*	11	6	52*	3	17
EASTERN SHORE	100	16	3	1	0	4	1	1	3	3	4	3	1	1	3	0	24*	6	0	3	1	0	1	1	1	2	4	0	1	0	19	4	0	3	0	0
ERIE	170	12	3	0	1	4	0	8	0	2	1	2	1	7	6	1	23	1	4	7	2	3	0	6	7	6	5	1	1	2	22	4	5	28	3	0
JOHNSTOWN	111	10	5	4	1	2	0	1	0	5	3	4	0	2	5	2	26	1	1	1	1	2	0	2	4	2	0	1	0	0	19	3	1	9	1	0
LEHIGH VALLEY	1491	66	45	10	15	105*	17	7	22	23	23	23	12	36	34	155*	277	67	22	71	9	37	7	28	26	11	10	10	2	9	191*	15	16	74	23	32
LIMA	75	3	1	1	0	1	0	0	1	2	4	3	0	1	7	3	20	0	1	2	0	2	0	1	1	1	0	1	1	9	1	0	8	1	1	
NORTH CENTRAL OHIO	60	1	1	0	0	2	0	3	0	0	0	1	0	2	4	0	13	0	2	5	0	1	0	0	0	1	0	0	0	1	14	0	0	6	0	1
NORTHERN VIRGINIA (NCAC)	6410	776	361*	69	249*	116	57*	69	91*	76	52	373*	165*	22	272*	76*	1774*	134*	63*	1252*	17*	19	73*	144*	27	40	109*	146*	66*	59*	163*	6	28*	51*	19	100*
OHIO VALLEY	38	1	0	1	0	0	0	0	0	0	0	1	0	0	1	0	6	0	1	1	0	0	0	5	0	0	0	1	0	0	11	0	0	8	2	0
PHILADELPHIA	5718	373	287*	52*	146*	218*	43	49*	79*	91*	83	265*	63*	85	177*	101*	1435*	186*	211*	419*	26	74*	40	172*	60	51*	75*	83*	29	69						

SECTION C

TABLE 4 - NUMBER OF IEEE SOCIETY MEMBERSHIPS HELD BY IEEE MEMBERS,
BY REGION, BY SECTION, DECEMBER 31, 1988

NUMBER OF IEEE SOCIETY MEMBERSHIPS										
REGION 01										
SECTION	0	1	2	3	4	5	6-15	16-25	26-32	ALL
BERKSHIRE	140	79	23	5	5	1	0	0	0	0
BINGHAMTON	343	341	84	42	19	8	9	0	0	0
BOSTON (CNEC)	3630	4020	1800	828	341	139	183	6	0	3
BUFFALO	566	349	126	49	25	16	12	0	0	0
CONNECTICUT	1951	1348	550	205	109	46	44	1	0	0
ITHACA	121	131	96	47	21	8	3	0	0	0
LONG ISLAND (METSAC)	2213	1180	440	201	84	31	48	3	2	0
MAINE (CNEC)	308	140	75	24	12	5	7	0	0	0
MID-HUDSON	577	444	214	85	29	9	12	0	0	0
MOHAWK VALLEY	401	222	103	48	21	8	15	0	0	0
NEW HAMPSHIRE (CNEC)	681	691	205	106	46	21	21	0	0	0
NEW JERSEY COAST	1124	1063	500	178	56	24	26	3	1	0
NEW YORK (METSAC)	3071	2183	941	415	142	75	101	0	1	2
NORTH JERSEY (METSAC)	2576	1833	807	320	151	81	54	2	0	0
PRINCETON (METSAC)	1248	1078	481	208	86	31	28	1	0	1
PROVIDENCE (CNEC)	666	489	223	94	40	12	15	0	0	0
ROCHESTER	649	576	204	69	39	17	7	2	0	0
SCHENECTADY	471	520	229	103	39	13	13	0	0	1
SPRINGFIELD	190	188	95	49	24	8	9	0	0	0
SYRACUSE	367	398	152	86	35	11	8	0	0	0
VERMONT	277	179	113	47	10	2	4	0	0	0
WORCESTER COUNTY (CNEC)	386	480	176	77	22	8	10	0	0	0
<u>TOTAL REGION 01</u>	<u>21956</u>	<u>17932</u>	<u>7637</u>	<u>3286</u>	<u>1356</u>	<u>574</u>	<u>629</u>	<u>18</u>	<u>4</u>	<u>7</u>

NUMBER OF IEEE SOCIETY MEMBERSHIPS

REGION 02										
SECTION	0	1	2	3	4	5	6-15	16-25	26-32	ALL
AKRON	262	218	75	24	8	5	3	2	0	0
ALLEGHENY MOUNTAIN	47	10	3	5	0	1	0	0	0	0
BALTIMORE	1764	1498	611	256	99	40	44	1	0	1
CANTON	130	72	19	11	4	2	2	1	0	0
CENTRAL PENNSYLVANIA	417	205	89	50	19	6	6	0	0	0
CINCINNATI	396	290	109	51	18	8	10	1	0	0
CLEVELAND	811	594	227	118	47	17	23	0	0	0
COLUMBUS	732	655	260	112	37	17	21	0	0	0
DAYTON	656	532	226	97	44	14	14	0	0	0
DELAWARE BAY	208	181	79	32	12	7	9	0	0	0
EASTERN SHORE	87	46	13	5	1	0	2	0	0	0
ERIE	150	67	22	11	2	1	2	0	0	0
JOHNSTOWN	115	56	15	3	3	2	0	0	0	0
LEHIGH VALLEY	750	490	255	124	45	21	13	0	0	0
LIMA	122	32	14	4	1	1	0	0	0	0
NORTH CENTRAL OHIO	41	24	6	6	2	0	0	0	0	0
NORTHERN VIRGINIA (NCAC)	2073	2186	831	365	146	62	101	3	0	0
OHIO VALLEY	54	22	5	2	0	0	0	0	0	0
PHILADELPHIA	2882	1989	828	340	145	61	75	0	0	1
PITTSBURGH	1251	1076	463	175	76	26	32	0	0	0
SHARON	163	69	32	8	2	0	2	0	0	0
SOUTHERN NEW JERSEY	104	68	19	8	2	1	0	0	0	0
SUSQUEHANNA	414	220	77	37	16	7	7	0	0	0
WASHINGTON (NCAC)	2498	2476	986	418	150	77	77	2	2	1
WEST VIRGINIA	128	61	12	6	4	0	4	0	0	0
<u>TOTAL REGION 02</u>	<u>16255</u>	<u>13137</u>	<u>5276</u>	<u>2268</u>	<u>883</u>	<u>376</u>	<u>447</u>	<u>10</u>	<u>2</u>	<u>3</u>

SECTION C

TABLE 4 - NUMBER OF IEEE SOCIETY MEMBERSHIPS HELD BY IEEE MEMBERS,
BY REGION, BY SECTION, DECEMBER 31, 1988

NUMBER OF IEEE SOCIETY MEMBERSHIPS										
REGION 03										
SECTION	<u>0</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6-15</u>	<u>16-25</u>	<u>26-32</u>	<u>ALL</u>
ALABAMA	701	476	162	51	21	15	6	0	0	0
ATLANTA	1436	1353	548	250	117	55	41	2	0	0
BATON ROUGE	174	114	40	16	6	2	0	0	0	0
BROWARD (FC)	374	284	74	23	16	8	10	0	0	0
CANAVERAL (FC)	181	84	38	18	5	2	3	0	0	0
CENTRAL GEORGIA	151	104	36	20	6	3	2	0	0	0
CENTRAL NORTH CAROLINA (NCC)	211	88	32	19	6	2	2	0	0	0
CENTRAL SAVANNAH RIVER (SCC)	130	53	24	8	3	1	2	0	0	0
CENTRAL VIRGINIA (VC)	285	196	75	41	12	10	10	2	0	0
CHARLOTTE (NCC)	488	392	79	28	10	2	1	0	0	0
CHATTANOOGA (TC)	199	158	25	15	1	3	0	0	0	0
COASTAL SOUTH CAROLINA (SCC)	237	103	40	16	8	5	2	0	0	0
COLUMBIA (SCC)	195	182	50	22	7	5	2	0	0	0
DAYTONA (FC)	135	76	17	11	4	1	0	0	0	0
EAST TENNESSEE (TC)	443	249	85	38	13	4	7	0	0	0
EASTERN NORTH CAROLINA (NCC)	1025	968	374	156	79	26	19	0	0	0
EVANSVILLE-OWENSBORO	252	84	31	16	7	6	2	0	0	0
FLORIDA WEST COAST (FC)	1091	747	212	96	32	14	21	0	1	0
GAINESVILLE (FC)	164	150	74	24	11	8	7	0	0	0
HAMPTON ROADS (VC)	506	287	94	50	20	7	8	0	0	0
HUNTSVILLE	632	524	193	82	41	9	17	2	0	0
JACKSONVILLE (FC)	166	98	36	10	5	3	1	0	0	0
JAMAICA	52	31	20	19	6	6	11	0	0	0
LEXINGTON	182	101	36	19	8	2	1	0	0	0
LOUISVILLE	336	107	40	25	7	1	2	0	0	0
MEMPHIS (TC)	318	156	56	21	11	5	7	1	1	0
MIAMI (FC)	485	404	108	44	16	6	10	0	0	0
MIDDLE TENNESSEE (TC)	71	31	11	5	1	2	2	0	0	0
MISSISSIPPI	228	206	55	21	6	3	3	0	0	0
MOBILE	167	64	23	11	3	1	4	0	0	0
NASHVILLE (TC)	362	206	71	40	17	6	3	0	0	0
NEW ORLEANS	386	325	101	43	15	4	7	0	0	0
OAK RIDGE (TC)	82	82	24	12	5	0	1	0	0	0
ORLANDO (FC)	579	378	176	69	21	15	11	0	0	0
PALM BEACH (FC)	538	361	118	30	16	9	5	0	0	0
PENSACOLA (FC)	228	99	36	16	10	5	2	0	0	0
PIEDMONT (SCC)	294	202	91	24	7	7	2	0	0	0
RICHMOND (VC)	295	239	78	33	5	5	3	0	0	0
SAVANNAH	49	25	2	0	2	1	0	0	0	0
SO BREVARD INDIAN RIVER (FC)	399	350	177	83	30	9	10	0	0	0
TALLAHASSEE AREA (FC)	195	75	29	16	7	1	5	0	0	0
TRI CITIES (TC)	128	96	46	15	8	1	2	0	0	0
VIRGINIA MOUNTAIN (VC)	464	233	104	46	19	11	7	0	0	0
WESTERN NORTH CAROLINA (NCC)	105	72	17	5	3	2	0	0	1	0
WINSTON-SALEM (NCC)	97	68	21	6	4	2	0	0	0	0
<u>TOTAL REGION 03</u>	<u>15216</u>	<u>10681</u>	<u>3779</u>	<u>1613</u>	<u>657</u>	<u>295</u>	<u>261</u>	<u>7</u>	<u>3</u>	<u>0</u>

SECTION C

TABLE 4 - NUMBER OF IEEE SOCIETY MEMBERSHIPS HELD BY IEEE MEMBERS,
BY REGION, BY SECTION, DECEMBER 31, 1988

<u>NUMBER OF IEEE SOCIETY MEMBERSHIPS</u>										
<u>REGION 04</u>										
<u>SECTION</u>	<u>0</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6-15</u>	<u>16-25</u>	<u>26-32</u>	<u>ALL</u>
ARROWHEAD	156	89	18	10	4	1	1	0	0	0
CALUMET	314	149	67	23	6	6	4	0	0	0
CEDAR RAPIDS	265	150	54	28	7	4	4	0	0	0
CENTRAL ILLINOIS	366	404	154	98	51	21	9	0	0	0
CENTRAL INDIANA	836	727	324	161	61	22	19	0	0	0
CENTRAL IOWA	314	224	57	27	16	6	3	0	0	0
CHICAGO	2591	2383	929	366	166	84	76	2	0	0
FORT WAYNE	281	137	71	23	12	2	4	1	0	0
ILLINOIS VALLEY	112	76	25	6	4	1	2	0	0	0
IOWA-ILLINOIS	127	102	15	6	7	1	8	0	0	0
MADISON	215	289	120	63	14	16	14	0	0	0
MICHIANA	194	104	52	29	16	3	9	0	0	0
MILWAUKEE	785	780	266	120	66	23	32	1	0	0
MISSOURI SLOPE	34	33	9	3	0	0	0	0	0	0
NEBRASKA	425	267	129	37	8	5	7	1	0	0
NORTHEAST MICHIGAN	194	109	53	14	12	3	6	0	0	0
NORTHEASTERN WISCONSIN	339	235	68	34	12	11	5	0	0	0
RED RIVER VALLEY	276	116	28	18	5	5	2	0	0	0
ROCK RIVER VALLEY	162	108	42	15	11	6	5	1	0	0
SIOUXLAND	118	62	21	8	2	1	0	0	0	0
SOUTHEASTERN MICHIGAN	1592	1350	557	331	125	46	58	1	0	0
SOUTHERN MINNESOTA	300	145	45	22	9	5	6	0	0	0
TOLEDO	308	142	62	22	12	2	3	0	0	0
TWIN CITIES	1183	1287	506	232	103	44	48	5	0	1
WEST MICHIGAN	361	209	69	20	11	2	7	0	1	0
<u>TOTAL REGION 04</u>	11848	9677	3741	1716	740	320	332	12	1	1

<u>NUMBER OF IEEE SOCIETY MEMBERSHIPS</u>										
<u>REGION 05</u>										
<u>SECTION</u>	<u>0</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6-15</u>	<u>16-25</u>	<u>26-32</u>	<u>ALL</u>
ARKANSAS	325	141	39	8	4	2	1	0	0	0
BEAUMONT	165	35	20	6	2	1	2	0	0	0
CENTRAL TEXAS	809	1106	427	206	113	39	37	0	0	1
CORPUS CHRISTI	167	104	29	17	5	1	5	0	0	0
DALLAS	1659	1699	732	317	126	49	57	1	0	0
DENVER	1646	1352	597	267	123	34	49	0	0	0
EL PASO	343	128	55	37	16	6	7	0	0	0
FORT WORTH	710	599	241	89	53	18	20	1	0	0
GALVESTON BAY	320	236	75	33	11	3	2	0	0	0
HOUSTON	1534	1171	439	202	67	31	40	0	0	0
KANSAS CITY	855	537	184	69	31	14	13	0	0	0
LAFAYETTE	166	113	16	7	2	1	2	0	0	0
OKLAHOMA CITY	332	190	80	27	13	10	7	0	0	0
OZARK	140	54	24	9	2	3	2	0	0	0
PANHANDLE	80	46	9	2	0	0	0	0	0	0
PERMIAN BASIN	44	25	3	3	2	1	1	0	0	0
PIKES PEAK	374	328	163	82	36	6	12	1	0	0
SAINT LOUIS	1470	966	378	168	72	29	26	1	0	0
SHREVEPORT	233	89	32	7	9	1	0	0	0	0
SOUTH PLAINS	213	61	28	10	6	4	6	0	0	0
TULSA	357	209	87	36	20	5	9	0	0	0
WICHITA	237	160	68	19	11	4	1	0	1	0
<u>TOTAL REGION 05</u>	12179	9349	3726	1621	724	262	299	4	1	1

SECTION C

TABLE 4 - NUMBER OF IEEE SOCIETY MEMBERSHIPS HELD BY IEEE MEMBERS,
BY REGION, BY SECTION, DECEMBER 31, 1988

NUMBER OF IEEE SOCIETY MEMBERSHIPS										
REGION 06										
SECTION	0	1	2	3	4	5	6-15	16-25	26-32	ALL
ALAMOGORDO-HOLLOMAN	28	15	5	2	0	1	2	0	0	0
ALASKA	140	93	38	13	9	3	4	0	0	0
ALBUQUERQUE	511	440	212	98	47	15	15	1	0	1
BOISE	89	92	28	18	9	3	2	0	0	0
BUENAVENTURA (LAC)	507	364	181	85	41	16	16	0	1	0
CHINA LAKE (LAC)	126	113	36	19	7	2	2	1	0	0
EASTERN MONTANA	48	18	8	3	0	0	1	0	0	0
FOOTHILL (LAC)	705	492	160	97	43	14	12	0	0	1
FORT HUACHUCA	68	37	24	8	4	0	2	0	0	0
HAWAII	537	205	65	22	6	3	8	0	0	0
IDAHO	70	48	20	9	1	1	2	0	0	0
LAS VEGAS	146	89	19	11	6	7	1	0	0	0
LOS ALAMOS	116	85	47	25	5	2	6	0	0	0
METROPOLITAN LOS ANGELES (LAC)	392	377	172	86	27	19	15	2	0	0
MONTANA	177	76	34	12	3	1	1	0	0	0
NORTHERN NEVADA	158	89	38	15	7	2	3	0	0	0
OAKLAND-EAST BAY (SFBAC)	1076	1357	626	307	115	57	55	1	0	0
ORANGE COUNTY (LAC)	2023	1639	610	302	139	53	60	0	0	1
PHOENIX	1432	1061	498	222	85	41	33	1	1	0
PORTLAND	882	1041	367	170	64	25	21	2	0	0
RICHLAND	170	92	28	22	5	2	3	0	0	0
SACRAMENTO	752	601	228	92	43	14	14	0	0	0
SAN DIEGO	1278	1245	536	252	129	56	56	0	0	0
SAN FERNANDO VALLEY (LAC)	994	746	365	128	60	33	33	2	0	1
SAN FRANCISCO (SFBAC)	664	820	271	123	49	26	28	1	0	0
SAN GABRIEL VALLEY (LAC)	448	461	204	98	43	21	22	2	0	0
SANTA BARBARA (LAC)	342	263	156	75	37	7	12	0	0	0
SANTA CLARA VALLEY (SFBAC)	3108	4611	2294	1216	480	196	212	5	2	0
SANTA MONICA BAY (LAC)	556	571	286	152	76	37	39	2	0	1
SEATTLE	1430	1416	510	234	107	35	46	0	0	0
SOUTH BAY HARBOR (LAC)	1030	969	490	226	75	45	50	0	0	0
SPOKANE	328	155	52	25	10	6	2	0	0	0
TUCSON	371	287	110	72	27	9	14	0	0	0
UTAH	524	397	156	93	28	12	14	1	0	0
VANDENBERG	69	60	15	6	2	0	1	0	0	0
WENATCHEE	54	30	4	0	2	1	0	0	0	0
<u>TOTAL REGION 06</u>	<u>21349</u>	<u>20455</u>	<u>8893</u>	<u>4338</u>	<u>1791</u>	<u>765</u>	<u>807</u>	<u>21</u>	<u>4</u>	<u>5</u>

SECTION C

TABLE 4 - NUMBER OF IEEE SOCIETY MEMBERSHIPS HELD BY IEEE MEMBERS,
BY REGION, BY SECTION, DECEMBER 31, 1988

NUMBER OF IEEE SOCIETY MEMBERSHIPS										
REGION 07										
SECTION	0	1	2	3	4	5	6-15	16-25	26-32	ALL
CANADIAN ATLANTIC (ECC)	181	89	44	21	13	1	9	0	0	0
HAMILTON (CCC)	318	236	99	57	21	12	9	0	0	0
KINGSTON (CCC)	130	100	47	25	6	2	2	0	0	0
KITCHENER-WATERLOO (CCC)	120	173	81	41	18	12	9	0	0	0
LONDON (CCC)	210	89	47	15	9	3	4	0	0	0
MONTREAL (ECC)	856	896	385	193	93	48	28	5	0	2
N SASKATCHEWAN (WCC)	159	69	27	11	6	5	5	0	0	0
NEW BRUNSWICK (ECC)	229	68	20	19	9	1	3	0	0	0
NEWFOUNDLAND-LABRADOR (ECC)	80	29	10	13	9	2	1	0	0	0
NORTHERN CANADA (WCC)	236	269	133	60	21	10	6	0	0	0
OTTAWA (ECC)	762	757	378	183	55	40	36	1	0	0
PETERBOROUGH (CCC)	35	37	27	3	4	1	2	0	0	0
QUEBEC (ECC)	170	88	36	13	12	5	3	0	0	0
S SASKATCHEWAN(WCC)	108	35	15	9	4	3	4	0	0	0
SAINT MAURICE (ECC)	42	16	13	5	4	3	2	0	0	0
SOUTHERN ALBERTA (WCC)	283	225	109	54	21	12	17	0	0	0
TORONTO (CCC)	1296	1187	475	231	108	62	78	1	0	0
VANCOUVER (WCC)	522	463	168	79	38	16	27	1	0	1
VICTORIA (WCC)	88	66	39	18	14	5	4	0	0	0
WINNIPEG (WCC)	391	215	94	47	14	5	15	0	0	0
<u>TOTAL REGION 07</u>	6216	5107	2247	1097	479	248	264	8	0	3

NUMBER OF IEEE SOCIETY MEMBERSHIPS										
REGION 08										
SECTION	0	1	2	3	4	5	6-15	16-25	26-32	ALL
AUSTRIA	25	83	38	27	28	14	24	0	0	0
BENELUX	585	687	323	198	89	44	72	9	0	0
CENTRAL & SOUTH ITALY	71	169	116	75	47	24	49	4	1	2
DENMARK	35	106	79	45	30	18	30	1	0	0
EAST AFRICA	47	40	21	11	3	1	10	0	0	0
EGYPT	45	106	59	40	13	12	14	2	0	0
FINLAND	61	134	101	42	25	10	41	1	0	0
FRANCE	204	437	207	106	78	42	86	12	3	2
GERMANY (WEST)	279	818	426	242	130	73	128	6	1	0
GREECE	128	195	124	79	48	22	34	1	0	0
HUNGARY	46	14	5	1	0	0	0	0	0	0
IRAN	65	95	70	55	41	29	107	8	1	0
ISRAEL	244	310	146	76	45	22	36	2	3	1
JEDDAH	38	34	23	18	6	5	4	0	0	0
NIGERIA	32	30	21	10	7	1	3	1	0	0
NORTH ITALY	251	349	180	106	69	28	68	8	2	2
NORWAY	31	119	69	33	22	21	32	2	0	0
POLAND	9	45	28	17	9	3	2	0	0	0
PORTUGAL	53	116	67	31	26	7	17	1	0	0
SAUDI ARABIA	145	192	115	49	25	13	22	0	0	0
SOUTH AFRICA	65	98	93	62	33	16	24	2	0	0
SPAIN	106	362	209	130	72	51	100	9	2	3
SWEDEN	50	246	157	83	51	21	75	4	1	0
SWITZERLAND	319	522	320	174	81	34	70	0	0	0
UNITED ARAB EMIRATES	50	50	20	16	8	4	2	0	0	0
UNITED KINGDOM & REP IRELAND	767	1149	583	320	147	63	66	3	0	0
YUGOSLAV	11	124	99	79	39	18	19	1	0	0
COUNTRIES OUTSIDE SECTION	295	293	159	84	50	28	44	4	0	1
<u>TOTAL REGION 08</u>	4057	6923	3858	2209	1222	624	1179	81	14	11

SECTION C

TABLE 4 - NUMBER OF IEEE SOCIETY MEMBERSHIPS HELD BY IEEE MEMBERS,
BY REGION, BY SECTION, DECEMBER 31, 1988

NUMBER OF IEEE SOCIETY MEMBERSHIPS										
REGION 09										
SECTION	0	1	2	3	4	5	6-15	16-25	26-32	ALL
ARGENTINA	207	258	111	51	31	18	38	2	0	0
BAHIA (BC)	23	53	22	9	12	1	4	0	0	0
BRASILIA (BC)	12	42	17	9	4	2	3	0	0	0
CHILE	229	224	77	32	14	5	4	0	0	0
COLOMBIA	191	215	112	46	31	15	9	0	0	0
COSTA RICA (CAPC)	51	32	11	2	4	2	1	0	0	0
ECUADOR	12	25	24	6	8	5	5	1	0	0
EL SALVADOR (CAPC)	163	89	29	9	2	2	3	0	0	0
GUATEMALA (CAPC)	94	63	7	3	0	2	0	0	0	0
HONDURAS (CAPC)	42	8	15	2	2	2	0	0	0	0
MEXICO (MC)	696	384	135	58	30	24	25	0	0	1
MONTERREY (MC)	220	51	28	7	4	3	8	0	0	0
PANAMA (CAPC)	70	54	15	8	4	4	7	0	0	0
PERU	70	51	42	21	8	4	7	0	0	0
PUERTO RICO & CARIBBEAN	406	257	88	39	14	4	14	0	0	0
RIO DE JANEIRO (BC)	19	94	42	29	11	4	6	0	0	0
SAO PAULO (BC)	85	130	62	44	29	11	16	0	0	0
VENEZUELAN	168	101	88	29	21	6	11	0	0	0
COUNTRIES OUTSIDE SECTION	21	37	28	20	8	4	2	0	0	0
TOTAL REGION 09	2779	2168	953	424	237	118	163	3	0	1

NUMBER OF IEEE SOCIETY MEMBERSHIPS										
REGION 10										
SECTION	0	1	2	3	4	5	6-15	16-25	26-32	ALL
AUST CAPITOL TERR(ACT) (AUSC)	18	40	23	17	7	5	9	0	0	0
BANGALORE (IC)	277	172	41	11	5	1	10	1	0	0
BEIJING	117	180	61	14	10	5	1	3	0	0
BOMBAY (IC)	489	310	93	43	16	9	21	2	0	0
CALCUTTA (IC)	153	124	36	16	6	2	5	0	0	0
DELHI (IC)	356	237	80	51	12	3	11	0	0	0
HONG KONG	674	608	249	119	63	24	34	3	0	0
HYDERABAD (IC)	252	108	20	7	2	1	3	1	0	0
INDONESIA	25	92	36	20	11	8	6	1	0	0
KARACHI	61	38	13	3	2	2	3	0	0	0
KERALA (IC)	475	109	34	1	3	1	1	0	0	0
KHARAGPUR (IC)	10	18	8	4	2	0	0	0	0	0
KOREA	159	373	394	251	151	70	153	8	1	6
MADRAS (IC)	1293	264	72	23	13	2	3	0	0	1
MALAYSIA	119	129	55	23	17	9	7	0	0	0
NEW SOUTH WALES (AUSC)	180	377	205	148	72	39	52	2	0	0
NEW ZEALAND NORTH (NZC)	37	55	27	18	7	1	2	0	0	0
NEW ZEALAND SOUTH (NZC)	93	91	44	19	8	4	2	0	1	0
PAKISTAN	86	68	14	5	5	1	3	0	0	0
QUEENSLAND (AUSC)	95	113	73	43	25	14	11	0	0	0
REPUBLIC OF THE PHILIPPINES	32	44	16	9	5	2	4	0	0	0
SINGAPORE	965	557	205	74	56	31	29	0	0	0
SOUTH AUSTRALIA (AUSC)	30	58	49	27	12	8	12	0	0	0
TAIPEI	149	300	182	139	77	41	63	2	0	0
THAILAND	48	61	39	25	13	10	11	2	0	1
TOKYO	394	2084	1465	736	346	169	309	22	7	12
VICTORIAN (AUSC)	131	270	187	93	50	27	34	0	0	0
WESTERN AUSTRALIA (AUSC)	89	82	51	21	11	13	10	0	0	0
COUNTRIES OUTSIDE SECTION	80	76	33	10	10	3	1	0	0	0
TOTAL REGION 10	6887	7038	3805	1970	1017	505	810	47	9	20
TOTAL ALL REGIONS	118742	102467	43915	20542	9106	4087	5191	211	38	52

SECTION C

Table 5 - IEEE CHAPTERS - as of 12/31/88

<u>Code</u>	<u>Society Name</u>	<u>No of Chapters</u>	<u>Section/Council Location</u>		
AES-10	Aerospace & Electronic Systems	28	Atlanta Baltimore Binghamton Central New Eng- land Council Cleveland Dayton Denver Fort Worth Huntsville	India Council Israel Long Island Los Angeles Council Mohawk Valley New Jersey Coast NY/North Jersey Orlando Ottawa Philadelphia	Rochester Santa Clara Valley Seattle Southeastern Michigan Spain Syracuse Toronto Vancouver Washington/No Virginia
AP-03	Antennas & Propagation	47	Albuquerque Atlanta Baltimore Benelux Buenaventura Buffalo Central New Eng- land Council Central & South Italy Chicago Columbus Dallas Dayton Denver Egypt Florida West Coast	Houston Huntsville Israel Kitchener-Waterloo Long Island/NY Los Angeles Council Montreal New Jersey Coast North Jersey Orlando Ottawa Philadelphia Phoenix Rio de Janeiro Saint Louis San Diego South Africa	S Brevard-Indian River Southeastern Michigan Seattle Spain Spokane Springfield Sweden Switzerland Syracuse Tokyo Tucson Utah Vancouver Washington/No Virginia West Germany
ASSP-01	Acoustics, Speech & Signal Processing	34	Atlanta Beijing Central New Eng- land Council Central Pennsylvania Central Texas Connecticut Chicago Cleveland Dallas Dayton Florida West Coast	France Houston Kitchener-Waterloo Milwaukee Montreal Northern Virginia North Jersey Oakland-East Bay Ottawa Los Angeles Council Orlando Philadelphia	Pittsburgh San Diego Santa Clara Valley Schenectady South Africa Southeastern Michigan Spain Switzerland Tokyo Twin Cities Washington
BT-02	Broadcast Technology	9	Chicago Cleveland Florida West Coast New York	Ottawa Philadelphia Tokyo	Toronto Washington/Northern Virginia
CAS-04	Circuits & Systems	32	Canton Central Indiana Central New Eng- land Council Chicago Cleveland Dallas/Fort Worth Delhi Fort Wayne Hamilton Houston	Kitchener-Waterloo Lehigh Valley Los Angeles Council Mid-Hudson Montreal New Jersey Coast Ottawa Philadelphia Phoenix Pikes Peak Portland Princeton	Sacramento Santa Clara Valley Seattle Southeastern Michigan Spokane Syracuse Switzerland Tokyo Twin Cities United Kingdom & the Republic of Ireland

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Table 5 - IEEE CHAPTERS - as of 12/31/88

<u>Code</u>	<u>Society Name</u>	<u>No of Chapters</u>	<u>Section/Council Location</u>		
CE-08	Consumer Electronics	7	Chicago Cleveland New York Ottawa	Philadelphia Princeton Tokyo	
COMM-19	Communications	69	Alabama Atlanta Baltimore Broward Canton Central New Eng- land Council Central Texas Charlotte Chicago Columbus Dallas Denver Eastern NC/ Western NC/ Central NC/ Winston-Salem France Galveston Bay Hamilton Houston India Council Israel Kitchener-Waterloo	Long Island Los Angeles Council Maine Mexico Miami Milwaukee Mohawk Valley Montreal New Hampshire New Jersey Coast New Orleans New South Wales New York North Jersey Oakland East Bay Orlando Ottawa Peru Philadelphia Pittsburgh Phoenix Portland Princeton Puerto Rico & Caribbean	Rochester Sacramento Saint Louis San Diego Santa Clara Valley San Francisco Schenectady Seattle Singapore South Africa South Saskatchewan Southeastern Michigan Spain Sweden Switzerland Syracuse Tokyo Toronto Tucson Twin Cities Vancouver Venezuela Victorian Winnipeg Washington/No Virginia
CHMT-21	Components, Hybrids & Manufacturing Technology	8	Central New Eng- land Council Chicago Los Angeles Council	NY/Long Island/ North Jersey Philadelphia	Portland Santa Clara Valley Tokyo
CS-23	Control Systems	40	Bangalore Berkshire Buffalo Central New Eng- land Council Chicago Chile Cleveland Columbus Dallas Dayton Delhi Denver Fort Worth	Hamilton Huntsville Israel Kitchener-Waterloo Long Island/NY Los Angeles Council Mexico Milwaukee New Jersey Coast North Jersey Philadelphia Phoenix Pittsburgh Portland	Rochester San Diego Santa Clara Valley Schenectady Singapore Southeastern Michigan Spokane Tokyo Toledo United Kingdom & the Republic of Ireland Vancouver Virginia Mountain Wichita

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Table 5 -- IEEE CHAPTERS -- as of 12/31/88

<u>Code</u>	<u>Society Name</u>	<u>No of Chapters</u>	<u>Section/Council Location</u>		
COMP-16	Computer	125	Akron Alabama Albuquerque Argentina Arkansas Atlanta Baltimore Binghamton Beijing Berkshire Broward Buffalo Calumet Canadian Atlantic Canton Cedar Rapids Central Georgia Central Indiana Central New Eng- land Council Central Texas Charlotte Chicago Chile China Lake Cleveland Columbus Connecticut Corpus Christi Dallas Dayton Delaware Bay Denver Eastern No Carolina Eastern Shore East Tennessee/ Oak Ridge Egypt Florida West Coast Fort Wayne Fort Worth France Gainesville	Galveston Bay Germany (West) Hamilton Hampton Roads Hong Kong Houston Huntsville Illinois Valley Indian Council Israel Kingston Kitchener-Waterloo Korea Louisville Long Island Los Angeles Council Maine Mexico Miami Mid-Hudson Milwaukee Mohawk Valley Montreal Nashville Nebraska New Hampshire New Jersey Coast New Orleans New South Wales New York New Zealand North North Jersey Northern Canada Northern Virginia Orange County Orlando Ottawa Palm Beach Panama Peru Philadelphia Phoenix Pikes Peak	Pittsburgh Portland Princeton Puerto Rico & Caribbean Quebec Richland Rio de Janeiro Rochester Sacramento Saint Louis San Diego Santa Clara Valley Sao Paulo Schenectady Seattle Singapore South Africa Southern Alberta S Brevard Indian River Southern Minnesota Southeastern Michigan Spain Spokane Switzerland Syracuse Taipei Tokyo Toledo Toronto Tri Cities Tucson Twin Cities Utah United Kingdom & the Republic of Ireland Vancouver Victorian Virginia Mountain Washington Wichita Winnipeg Worcester County
DEI-32	Dielectrics & Electrical Insulation	4	Montreal/Ottawa Tokyo	Toronto/Kingston/ Hamilton/London Kitchener-Waterloo/	Vancouver
ED-25	Education	7	Central New Eng- land Council Hamilton	Los Angeles Council Mexico Tokyo	United Kingdom & the Republic of Ireland Utah
EMC-27	Electromagnetic Compatibility	27	Albuquerque Atlanta Baltimore Central New Eng- land Council Central Texas Chicago Dayton Dallas/Fort Worth	Denver Denver (Littleton) Israel Los Angeles Council Long Island/NY Mohawk Valley New Jersey Coast Orange County Ottawa Philadelphia	Phoenix San Diego Santa Clara Valley San Gabriel Valley Seattle Tokyo Tucson Twin Cities Washington/No Virginia

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Table 5 - IEEE CHAPTERS - as of 12/31/88

<u>Code</u>	<u>Society Name</u>	<u>No of Chapters</u>	<u>Section/Council Location</u>		
ED-15	Electron Devices	40	Albuquerque Buenaventura Central New Eng- land Council Chicago Cleveland Dallas Houston India Council Israel Kitchener-Waterloo Lehigh Valley Los Angeles Council Mid-Hudson	Milwaukee New Jersey Coast NY/Long Island Orlando Ottawa Philadelphia Phoenix Pikes Peak Pittsburgh Portland Princeton Rio de Janeiro Rochester Saint Louis	Santa Clara Valley Schenectady Southeastern Michigan Spokane Springfield Switzerland Syracuse Tokyo Toronto Twin Cities United Kingdom & Republic of Ireland Utah Washington/No Virginia
EM-14	Engineering Management	31	Atlanta Broward Buffalo Canaveral Central New Eng- land Council Chicago Cleveland Dayton Denver Huntsville	Indian Council Los Angeles Council Mexico Miami Milwaukee Mohawk Valley Montreal Nebraska New Jersey Coast North Jersey/NY Ottawa	Philadelphia Pittsburgh San Diego Santa Clara Valley Sao Paulo Spokane Toronto Tri-Cities United Kingdom & Republic of Ireland Washington/No Virginia
EMB-18	Engineering in Medicine	29	Atlanta Baltimore Central New Eng- land Council Chicago Cleveland Connecticut Dayton Denver Houston	Los Angeles Council Memphis Miami Milwaukee Montreal Nashville NY/Long Island Oakland-East Bay Philadelphia Pittsburgh	Portland Princeton Rochester Sacramento Santa Clara Valley Seattle Tokyo Twin Cities Washington/No Virginia Winnipeg
GRS-29	Geoscience & Remote Sensing	9	Denver European Chapter Los Angeles Council	Oakland East Bay Santa Clara Valley Southeastern Michigan	Springfield Tokyo Washington/No Virginia
IE-13	Industrial Electronics	17	Arkansas Bangalore Chicago Chile Cleveland India Council	Israel Los Angeles Council Mexico Milwaukee Montreal/St. Maurice Rochester	Singapore Tokyo Toledo Vancouver Virginia Mountain

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Table 5 - IEEE CHAPTERS - as of 12/31/88

<u>Code</u>	<u>Society Name</u>	<u>No of Chapters</u>		<u>Section/Council Location</u>				
IA-34	Industry Applications	67	Akron	Hong Kong	Pittsburgh			
			Alabama	Houston	Portland			
			Atlanta	India Council	Rio de Janeiro			
			Baltimore	Israel	Rochester			
			Bangalore	Los Angeles Council	Saint Louis			
			Baton Rouge	Madras	San Francisco			
			Buffalo	Maine	Saskatchewan			
			Calumet	Mexico	Sao Paulo			
			Central Illinois	Miami	Schenectady			
			Central New Eng- land Council	Middle Tennessee	Seattle			
			Chicago	Milwaukee	Southern Alberta			
			Cincinnati	Montreal	Southeastern Michigan			
			Cleveland	North Jersey	Spokane			
			Columbus	Northern Canada	Syracuse			
			Connecticut	NY/Long Island	Tokyo			
			Dallas	New Zealand North	Toledo			
			Dayton	Orange County	Toronto			
			Delaware Bay	Oakland-East Bay	Tulsa			
			Denver	Oklahoma City	Twin Cities			
			Eastern No Carolina	Orlando	Vancouver			
			Hamilton	Panama	Virginia Mountain			
				Philadelphia	Washington/No Virginia			
				Phoenix	Wichita			
			IT-12	Information Theory	18	Beijing	Denver	Phoenix
						Buffalo	Hamilton	Santa Clara Valley
						Central New Eng- land Council	Kitchener-Waterloo	Schenectady
						Central NC/ Eastern NC/ Western NC/ Winston-Salem	Los Angeles Council	Southeastern Michigan
	Montreal	Syracuse						
	NY/Long Island/ North Jersey	Tokyo						
	Philadelphia	Washington/No Virginia						
IM-09	Instrumentation & Measurement	14	Central New Eng- land Council	Los Angeles Council	Portland			
			Chicago	Montreal	San Diego			
			Cleveland	NY/Long Island/ North Jersey	Tokyo			
			Denver	North Italy	Toronto			
				Ottawa	Washington			
LEO-36	Lasers and Electro-Optics	15	Atlanta	Long Island	Portland			
			Central New Eng- land Council	Los Alamos	Springfield			
			Central Texas	Los Angeles Council	Tokyo			
			Cleveland	New Jersey Coast	Washington/No Virginia			
			Dallas	Oakland East Bay/San Francisco/Santa Clara Valley				
			Huntsville					
MAG-33	Magnetics	14	Central New Eng- land Council	Pittsburgh	Twin Cities			
			Houston	Princeton	United Kindgom & the Republic of Ireland			
			Los Angeles Council	Rochester	Washington/No Virginia			
			Milwaukee	San Diego				
			Philadelphia	Santa Clara Valley				
				Tokyo				

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Table 5 - IEEE CHAPTERS - as of 12/31/88

<u>Code</u>	<u>Society Name</u>	<u>No of Chapters</u>	<u>Section/Council Location</u>					
MTT-17	Microwave Theory & Techniques	60	Albuquerque	Houston	Santa Clara Valley			
			Atlanta	Huntsville	Schenectady			
			Baltimore	India Council	Seattle			
			Beijing	Israel	South Africa			
			Benelux	Kitchener-Waterloo	S Brevard-Indian River			
			Buffalo	Long Island/NY	Southeastern Michigan			
			Central New Eng-	Los Angeles Council	Spain			
			land Council	Milwaukee	Springfield			
			Central & South	Montreal	Sweden			
			Italy	New Jersey Coast	Switzerland			
			Chicago	North Jersey	Syracuse			
			Columbus	Orlando	Teipei			
			Cleveland	Ottawa	Tokyo			
			Dallas	Philadelphia	Tucson			
			Dayton	Phoenix	Twin Cities			
			Denver	Portland	United Kingdom & the			
			Egypt	Princeton	Republic of Ireland			
			Finland	Rio de Janeiro	Utah			
			Florida West Coast	Saint Louis	Venezuela			
			France	San Diego	Washington/No Virginia			
			Germany (West)	San Fernando Valley	Winnipeg			
			NPS-05	Nuclear & Plasma Sciences	6	Central New Eng-	India Council	Washington/No Virginia/
						land Council	Los Angeles Council	Baltimore
						Chicago	Tokyo	
			OE-22	Oceanic Engineering	8	Canadian Atlantic	New Orleans	Victoria
						Central New Eng-	San Diego	Washington/No Virginia
land Council	Seattle							
	Houston/Galveston							
	Bay							
PC-26	Professional Communication	7	Central New Eng-	Los Angeles Council	United Kingdom & the			
			land Council	Ottawa	Republic of Ireland			
			Chicago	Philadelphia	Washington/No Virginia			

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Table 5 - IEEE CHAPTERS - as of 12/31/88

<u>Code</u>	<u>Society Name</u>	<u>No of Chapters</u>	<u>Section/Council Location</u>					
PE-31	Power Engineering	117	Akron	Hong Kong	Portland			
			Alabama	Hamilton	Princeton			
			Albuquerque	Houston	Puerto Rico & Caribbean			
			Argentina	India Council	Richland			
			Arkansas	Israel	Rio de Janeiro			
			Atlanta	Jacksonville	Rochester			
			Baltimore	Kansas City	Sacramento			
			Bangalore	Las Vegas	Saint Louis			
			Beaumont	Lehigh Valley	San Diego			
			Berkshire	Los Angeles Council	San Francisco			
			Binghamton	Madras	Santa Clara Valley			
			Boston	Maine	Sao Paulo			
			Broward	Memphis	Saskatchewan			
			Buffalo	Mexico	Schenectady			
			Calumet	Monterrey	Seattle			
			Canton	Miami	Sharon			
			Central Illinois	Mid-Hudson	Shreveport			
			Central Indiana	Middle Tennessee	Singapore			
			Central Texas	Milwaukee/Madison/NE Wisconsin	Siouxland			
			Charlotte	Missouri Slope	Southern Alberta			
			Chattanooga	Montreal	Southeastern Michigan			
			Chicago	Nashville	Spokane			
			Chile	Nebraska	Syracuse			
			Cincinnati	New Hampshire	Tri Cities			
			Cleveland	New Orleans	Tokyo			
			Columbus	New South Wales	Toledo			
			Connecticut	NY/Long Island	Toronto			
			Corpus Christi	North Jersey	Tucson			
			Dallas	Northern Canada	Tulsa			
			Dayton	Oakland-East Bay	Twin Cities			
			Delaware Bay	Oklahoma City	Utah			
			Denver	Orange County	Vancouver			
			Denver-Western Area	Orlando	Vermont			
			Eastern No Carolina	Ottawa	Virginia Mountain			
			East Tennessee	Palm Beach	Washington/No Virginia			
			Erie	Panama	Wichita			
			Florida West Coast	Peru	Winnipeg			
			Fort Worth	Philadelphia/Phoenix	Worcester County			
			France	Pittsburgh				
			Greece					
			R-07	Reliability	21	Baltimore	Denver	Philadelphia
						Binghamton	Florida West Coast	Santa Clara Valley
						Canaveral/Daytona	Los Angeles Council	Tri Cities
						Central New England Council	Mohawk Valley	Tokyo
						Cleveland	Montreal	Twin Cities
						Chicago	NY/Long Island	Washington
						Connecticut	North Jersey	
			SIT-30	Social Implications of Technology	10	Central New England Council	Pittsburgh	Twin Cities
						Cleveland	Portland	Tokyo
						Los Angeles Council	Santa Clara Valley	Washington/Baltimore/No Virginia
							Switzerland	
			SMC-28	Systems, Man & Cybernetics	17	Central New England Council	Los Angeles Council	Schenectady
						Cleveland	Mexico	Santa Clara Valley
						Connecticut	Milwaukee	Southeastern Michigan
						Dallas	New Jersey Coast	Tokyo
Long Island/NY	North Jersey	Twin Cities						
	Philadelphia	Washington/No Virginia						

SECTION C

Table 5 - IEEE CHAPTERS - as of 12/31/88

<u>Code</u>	<u>Society Name</u>	<u>No of Chapters</u>	<u>Section/Council Location</u>		
UFFC-20	Ultrasonics, Ferroelectrics and Frequency Control Society	9	Central New Eng- land Council Long Island Los Angeles Council	Orlando Pittsburgh Portland Santa Clara Valley	Tokyo Washington/Baltimore/ No Virginia
VT-06	Vehicular Technology	22	Canton Central New Eng- land Council Chicago Cleveland Dallas Denver Los Angeles Council Miami	Montreal NY/Long Island/ North Jersey New Jersey Coast Orlando Philadelphia Pittsburgh Sacramento	Santa Clara Valley/ Oakland-East Bay/ San Francisco Bay Southeastern Michigan Sweden Tokyo Toronto Vancouver Washington

33 Societies

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

For Joint Chapters of more than one Section, the "managing" Section is listed first.

SECTION D

TABLE 1 - SOCIETY AFFILIATES, DECEMBER 31, 1988; 5-YEAR COMPARISON

CODE NO.	SOCIETY	12/31/88	12/31/87	12/31/86	12/31/85	12/31/84
1	ACOUSTICS, SPEECH & SIGNAL PROCESSING	7	8	11	9	11
2	BROADCAST TECHNOLOGY	2	3	1	2	2
3	ANTENNAS & PROPAGATION	3	2	1	1	2
4	CIRCUITS & SYSTEMS	5	8	10	8	8
5	NUCLEAR & PLASMA SCIENCES	170	183	190	184	199
6	VEHICULAR TECHNOLOGY	2	2	4	3	4
7	RELIABILITY	10	12	10	10	16
8	CONSUMER ELECTRONICS	5	3	4	4	4
9	INSTRUMENTATION & MEASUREMENT	2	2	3	3	2
10	AEROSPACE & ELECTRONIC SYSTEMS	7	9	8	6	4
12	INFORMATION THEORY	8	10	8	6	5
13	INDUSTRIAL ELECTRONICS	1	1	0	0	0
14	ENGINEERING MANAGEMENT	109	87	81	44	39
15	ELECTRON DEVICES	3	3	2	4	3
16	COMPUTER	20,712	15,495	15,116	15,629	14,719
17	MICROWAVE THEORY & TECHNIQUES	11	22	19	3	3
18	ENGINEERING IN MEDICINE & BIOLOGY	73	61	59	68	63
19	COMMUNICATIONS	251	211	171	106	73
20	ULTRASONICS, FERROELECTRICS & FREQUENCY CONTROL	6	7	7	6	6
21	COMPONENTS, HYBRIDS & MANUFACTURING TECHNOLOGY	30	14	14	16	12
22	OCEANIC ENGINEERING	11	15	14	17	25
23	CONTROL SYSTEMS	22	18	14	17	17
** 24	ROBOTICS AND AUTOMATION	278				
25	EDUCATION	12	8	5	5	5
26	PROFESSIONAL COMMUNICATION	68	66	83	50	44
27	ELECTROMAGNETIC COMPATIBILITY	5	4	3	3	4
28	SYSTEMS, MAN & CYBERNETICS	43	51	33	32	32
29	GEOSCIENCE & REMOTE SENSING	69	71	41	38	33
30	SOCIAL IMPLICATIONS OF TECHNOLOGY	8	4	5	5	4
31	POWER ENGINEERING	4	3	5	3	1
32	DIELECTRICS AND ELECTRICAL INSULATION	10	11	12	10	7
33	MAGNETICS	96	103	106	103	85
34	INDUSTRY APPLICATIONS	2	2	3	1	1
35	POWER ELECTRONICS	1	5			
36	LASERS AND ELECTRO-OPTICS	85	82	90	87	77
	TOTALS	22,131	16,586	16,133	16,483	15,510

** RA MEMBERSHIP WILL NOT BE ACTIVE UNTIL JANUARY 1989

SECTION E

TABLE 1 - TECHNICAL INTEREST PROFILE (TIP)

12/31/88

TIP FIRST PRIORITY BY MAJOR CATEGORIES BY REGION (1 - 10)

CODE	DESCRIPTION	01	02	03	04	05	06	07	08	09	10
01	ACOUSTICS, SPEECH & SIGNAL PROCESSING	1,658	1,084	563	489	599	1,504	329	803	60	573
02	BROADCAST TECHNOLOGY	605	412	335	249	219	553	182	232	57	264
03	ANTENNAS AND PROPAGATION	750	709	443	214	473	1,046	157	446	35	363
04	CIRCUITS AND SYSTEMS	1,529	809	662	651	715	1,822	241	547	59	460
05	NUCLEAR AND PLASMA SCIENCES	357	335	274	156	139	630	65	121	4	106
06	VEHICULAR TECHNOLOGY	287	284	211	436	132	296	133	101	17	131
07	RELIABILITY	555	318	228	194	189	537	70	144	22	120
08	CONSUMER ELECTRONICS	495	274	295	303	188	370	156	119	35	206
09	INSTRUMENTATION AND MEASUREMENT	401	286	230	185	183	458	107	161	39	151
10	AEROSPACE AND ELECTRONIC SYSTEMS	1,928	1,958	918	355	961	2,890	225	299	18	207
12	INFORMATION THEORY	327	225	92	94	111	323	52	190	12	147
13	INDUSTRIAL ELECTRONICS	1,052	971	861	890	567	969	438	494	118	562
14	ENGINEERING MANAGEMENT	2,968	2,655	1,832	1,303	1,374	3,268	547	718	231	550
15	ELECTRON DEVICES	1,169	513	295	275	434	1,652	109	387	18	579
16	COMPUTER	7,850	4,712	3,179	3,107	3,331	8,947	1,825	2,780	379	2,720
17	MICROWAVE THEORY AND TECHNIQUES	689	338	204	135	253	989	102	313	16	194
18	ENGINEERING IN MEDICINE AND BIOLOGY	787	501	340	479	311	761	166	282	40	202
19	COMMUNICATIONS	3,087	2,285	1,605	1,098	1,173	2,634	903	1,129	188	1,166
20	ULTRASONICS FERROELECTRICS&FREQ. CONTROL	158	81	64	56	44	144	18	71	4	56
21	COMPONENTS, HYBRIDS & MANUFACT. TECHNOL.	649	317	233	250	212	593	60	115	15	144
22	OCEANIC ENGINEERING	59	50	33	5	11	64	17	14	3	7
23	CONTROL SYSTEMS	554	495	417	374	322	722	163	388	41	262
25	EDUCATION	313	209	179	157	126	203	85	88	21	54
26	PROFESSIONAL COMMUNICATION	273	186	116	114	102	234	55	61	12	36
27	ELECTROMAGNETIC COMPATIBILITY	195	227	101	94	95	324	22	67	6	35
28	SYSTEMS, MAN AND CYBERNETICS	324	302	154	116	104	359	70	126	17	120
29	GEOSCIENCE AND REMOTE SENSING	82	118	61	40	197	150	43	61	6	45
30	SOCIAL IMPLICATIONS OF TECHNOLOGY	124	106	64	37	37	113	34	29	6	14
31	POWER ENGINEERING	2,762	2,560	3,329	2,365	2,259	3,315	1,099	1,053	523	1,030
32	DIELECTRICS & ELECTRICAL INSULATION	128	88	59	59	31	58	45	74	11	84
33	MAGNETICS	218	148	63	165	73	449	22	97	5	156
34	INDUSTRY APPLICATIONS	1,041	1,092	1,107	903	886	1,117	467	194	118	260
35	POWER ELECTRONICS	197	89	89	107	60	152	69	83	11	96
36	LASERS AND ELECTRO-OPTICS	746	400	283	169	282	826	122	243	22	274
37	SOLID STATE CIRCUITS	762	353	241	287	497	1,402	123	326	17	246
39	INTERDISCIPLINARY AND NEW ACTIVITIES	<u>413</u>	<u>295</u>	<u>165</u>	<u>135</u>	<u>143</u>	<u>380</u>	<u>78</u>	<u>97</u>	<u>26</u>	<u>57</u>
	TOTAL	35,492	25,785	19,325	16,046	16,833	40,254	8,399	12,453	2,212	11,677

SECTION E

TABLE 2 - 1987 SECTION/CHAPTER MEETING SUMMARY

(93% of Sections Reporting)

REGION	# MEETINGS HELD	NUMBER BY CLASSIFICATION			ATTENDANCE				PERCENT		
		TECH.	PROF.	SOCIAL	MEMBERS	GUESTS	TOTAL	AVERAGE	TECH.	PROF.	SOCIAL
1	506	388	108	10	11,760	6,488	18,248	36.1	76.7	21.3	2.0
2	534	412	98	24	12,848	6,359	19,207	36.0	77.2	18.4	4.5
3	560	430	103	27	11,550	3,782	15,332	27.4	76.8	18.4	4.8
4	353	284	55	14	8,164	2,674	10,838	30.7	80.5	15.6	4.0
5	342	255	74	13	9,493	4,447	13,940	40.8	74.6	21.6	3.8
6	706	593	91	22	16,747	7,893	24,640	34.9	84.0	12.9	3.1
7	255	214	34	7	5,230	3,049	8,279	32.5	83.9	13.3	2.7
8	247	221	22	4	5,056	5,415	10,471	42.4	89.5	8.9	1.6
9	300	234	62	4	6,815	9,178	15,993	53.3	78.0	20.7	1.3
<u>10</u>	<u>583</u>	<u>506</u>	<u>67</u>	<u>10</u>	<u>13,600</u>	<u>15,219</u>	<u>28,819</u>	<u>49.4</u>	<u>86.8</u>	<u>11.5</u>	<u>1.7</u>
TOTAL	4,386	3,537	714	135	101,263	64,504	165,767	37.8	80.6	16.3	3.1

SECTION E

TABLE 3 - 1987 CHAPTER MEETINGS BY SOCIETY, BY REGION

<u>REGION: SOCIETY</u>	<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>
ASSP-01	15	19	12	9	3	9	4	8	0	11	90
BT-02	4	0	0	0	0	0	2	0	0	3	9
AP-03	25	34	20	8	19	32	14	35	3	11	201
CAS-04	6	5	0	6	3	8	1	5	0	8	42
NPS-05	2	2	0	0	0	5	0	0	0	2	11
VT-06	3	21	4	3	8	13	4	2	0	6	64
R-07	15	27	0	7	1	12	5	0	0	5	72
CE-08	2	0	0	0	0	0	0	0	0	6	8
IM-09	8	2	0	0	4	14	4	0	0	8	40
AES-10	26	30	11	2	2	6	3	2	0	0	82
IT-12	2	0	0	0	8	3	5	0	0	3	21
IE-13	0	0	0	8	3	0	5	0	12	10	38
EM-14	10	18	0	7	0	11	4	0	5	0	55
ED-15	23	3	2	8	2	2	0	0	0	19	59
COMP-16	58	35	61	23	31	57	32	30	19	30	376
MTT-17	15	4	0	7	12	20	0	4	2	6	70
EMB-18	21	4	7	16	5	22	2	0	0	10	87
COM-19	16	13	20	3	8	37	11	4	9	18	139
UFFC-20	8	5	3	0	0	9	0	0	0	15	40
CHMT-21	3	0	0	0	0	10	0	0	0	12	25
OE-22	1	1	3	0	2	5	10	0	0	0	22
CS-23	8	11	0	2	0	5	0	3	4	8	41
ED-25	3	0	0	0	0	0	0	0	4	12	19
PC-26	0	0	0	0	0	0	0	2	0	0	2
EMC-27	10	7	0	10	12	27	0	2	0	10	78
SMC-28	3	1	0	0	0	0	0	0	0	7	11
GRS-29	0	3	0	1	0	2	0	0	0	12	18
SIT-30	6	8	0	0	0	1	0	3	0	12	30
PE-31	55	60	81	32	51	77	34	3	42	29	464
EI-32	0	0	0	0	0	0	10	0	0	4	14
MAG-33	9	9	0	12	0	23	0	4	0	20	77
IA-34	3	34	17	8	5	40	1	0	10	6	124
LEO-36	8	13	0	0	11	11	0	0	0	0	43
<u>TOTAL</u>	368	369	241	172	190	461	151	107	110	303	2472

Not All Reporting Complete.

SECTION E

TABLE 4 - SOCIETY AND OTHER SPONSORED AND COSPONSORED CONFERENCES SUMMARY, BY SOCIETY, BY REGION, 12/31/88

DIV.	SOCIETY	REGIONS										TOTAL
		1	2	3	4	5	6	7	8	9	10	
I	Circuits and Systems	1					1		1			3
	Components, Hybrids, and Mfg. Technology			1			5					6
	Electron Devices	2		5	1	1	10					19
	Lasers and Electro-Optics	1		2			3					6
	Solid-State Circuits	1					1					2
II	Dielectrics and Electrical Insulation	1						1	1		1	4
	Industry Applications		3	2	1	1		1				8
	Instrumentation and Measurement				1		1					2
	Power Electronics		1	1			1				1	4
III	Broadcast Technology		1									1
	Communications	4	1	3		4						12
	Consumer Electronics				1							1
	Vehicular Technology		2		2				1			5
IV	Antennas and Propagation	1										1
	Electromagnetic Compatibility						1					1
	Magnetics							1				1
	Microwave Theory and Techniques	2		1								3
	Nuclear and Plasma Sciences			1			2					3
V/VIII	Computer	5	8	8	5	2	19	1	5		2	55
VI	Education						1					1
	Engineering Management		1									1
	Professional Communication						1					1
	Reliability		1				2					3
	Social Implications of Technology											0
VII	Power Engineering	1					1					2
IX	Acoustics, Speech, and Signal Processing	1	1		1		2					5
	Aerospace and Electronic Systems		2	2	2							6
	Geoscience and Remote Sensing								1			1
	Oceanic Engineering		1									1
	Ultrasonics, Ferroelectrics and Freq. Control		1		1							2
X	Control Systems		1	1		1	1					4
	Engineering in Medicine and Biology			1	1		1					3
	Industrial Electronics		1		1						2	4
	Information Theory					1					1	2
	Robotics and Automation		2									2
	Systems, Man, and Cybernetics		1				2				1	4
OTHER - Not (Co)Sponsored by a Society	1		2	1	1	1	1					7
Number of Conferences in Region*		18	25	28	15	7	54	5	9		8	169

*Region numbers are not column totals. Conference counts are duplicated for each Cosponsor.

This table does not include those conferences in which Societies or Regions were only Participating or Cooperating.

SECTION F

TABLE 1 - ORGANIZATIONAL UNITS OF THE IEEE, BY REGION - As of December 31, 1988

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>1988</u>											
Section	22	25	45	25	22	36	20	27	18	28	268
Subsections	6	4	8	6	6	6	--	3	6	3	48
Chapters	126	103	82	65	64	115	56	45	35	63	754*
Councils	2	1	5	--	--	2	3	--	3	3	19
Student Branches	93	57	74	57	63	60	47	46	48	69	614
Student Branch Chapters	25	12	25	20	15	16	10	4	6	22	155
<u>1987</u>											
Section	22	25	46	25	22	36	20	26	19	26	267
Subsections	6	4	8	6	6	5	--	2	7	2	46
Chapters	142	111	80	68	68	116	60	44	35	63	787*
Councils	2	1	5	--	--	2	3	--	3	3	19
Student Branches	93	54	70	56	60	57	47	43	42	56	578
Student Branch Chapters	23	10	24	20	14	16	10	4	6	21	148
<u>1986</u>											
Section	22	25	46	24	22	36	20	24	18	26	263
Subsections	6	4	8	7	6	5	--	1	4	2	43
Chapters	139	111	75	66	64	115	57	40	33	60	760*
Councils	2	1	5	--	--	2	3	--	3	3	19
Student Branches	89	53	68	54	58	57	44	41	37	51	552
Student Branch Chapters	21	10	24	19	14	16	10	2	5	20	141
<u>1985</u>											
Section	22	25	46	24	22	36	20	24	15	26	260
Subsections	6	4	7	6	6	5	--	1	7	2	44
Chapters	139	107	74	64	62	112	56	35	31	53	733*
Councils	2	1	5	--	--	2	3	--	3	2	18
Student Branches	89	52	68	53	56	55	44	43	37	41	538
Student Branch Chapters	20	9	21	19	13	16	9	2	5	14	128

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

SECTION F

TABLE 2 - IEEE COUNCIL SECTION AND SUBSECTION ACTIONS 1988

REGION 3

The Fort Walton Section merged into the Pensacola Section on November 18, 1988.

REGION 8

The Cyprus Subsection of the Greece Section established on July 18, 1988.

The Riyadh Subsection of the Saudi Arabia Section established on July 18, 1988.

The Jeddah Subsection elevated to Section status on November 18, 1988.

REGION 9

The Central American Section dissolved on November 18, 1988.

The Nicaragua Subsection dissolved on November 18, 1988.

REGION 10

The Indonesia Section established on February 16, 1988.

The Shanghai Subsection of the Beijing Section established on July 18, 1988.

The Australian Capital Territory (ACT) Section established on November 18, 1988.

SECTION F

TABLE 3 - IEEE CHAPTER CHANGES IN 1988

<u>Region/Sections</u>	<u>New Chapters</u>	<u>Chapters Dissolved</u>	<u>Change in Status of Existing Chapters</u>
<u>REGION 1</u>			
Buffalo		IT-12	
Connecticut		IE-13/IA-34	
Long Island	ASSP-01		
Mid-Hudson		CAS-04	
New Jersey Coast		EMB-18/SMC-28	
New Jersey Coast		CHMT-21	
North Jersey		NPS-05/EMB-18/GRS-29	
Princeton		MAG-33	
Princeton		IA-34	
Rochester		EM-14	
Schenectady		IE-13	
<u>REGION 2</u>			
Baltimore		CS-23	
Cincinnati		VT-06	
Cincinnati		EMB-18	
Columbus		VT-06	
Dayton		ED-15	
Dayton		CHMT-21	
Erie		PE-31	
Lehigh Valley		IE-13/C-16	
Lehigh Valley		CHMT-21	
Philadelphia		MAG-33	
Philadelphia		IA-34	
Washington		PC-26 (Jt. WA/No.VA)	
Washington		BT-02/CE-08 (Jt. WA/No.VA)	
Washington		CHMT 21 (Jt. WA/No.VA)	
Washington		CS-23	
<u>REGION 3</u>			
Florida West Coast		BT-02/CE-08/VT-06/COM-19	
Nashville	IA-34		
Orlando			ED-15/*CHMT-21
<u>REGION 4</u>			
Central Illinois		NPS-05/ED-15/MTT-17	
Central Illinois		IM-09/COM-19/IA-34	
Central Indiana		CAS-04	
Central Indiana		IT-12 (Jt. CEN/CHI/MI/CEN/IND)	
Central Indiana		EM-14	
Central Indiana		EMB-18	
Chicago	LEO-36		
Forte Wayne		CAS-04/AES-10/COM-19	
Southeastern Michigan		EM-14	
Southeastern Michigan		IM-09/EMB-18/SMC-28	
Twin Cities		SMC-28	
<u>REGION 5</u>			
Beaumont		IE-13	
Central Texas		EMB-18	
Dallas		IT-12/SMC-28	
Dallas	AES-10	EMB-14	
Calveston Bay	C-16		
Houston		AES-10	
Houston		EM-14	
Kansas City		COM-19	
Kansas City		EM-14	
Saint Louis		AES-10	
Saint Louis		EMB-18	

TABLE 3 - IEEE CHAPTER CHANGES IN 1988

<u>Region/Sections</u>	<u>New Chapters</u>	<u>Chapters Dissolved</u>	<u>Change in Status of Existing Chapters</u>
<u>REGION 6</u>			
Buenaventura	ED-15/CAS-04		
Fort Huachuca		C-16/COM-19	
Sacramento		CAS-04/CS-23	
San Diego	CHMT-21	AES-10	
San Diego	EM-14		
Santa Clara Valley		CAS-04 (Jt. SF/OAK E. Bay/SVC)	
Santa Clara Valley		NPS-05 (Jt. SF/OAK E. Bay/SVC)	
Santa Clara Valley		IM-09/IE-13	
Santa Clara Valley		SIT-30	
Seattle		CAS-04	
Utah		C-16	
Utah		EMB-18	
Utah		E-25	
<u>REGION 7</u>			
Kingston	C-16		
Montreal		ASSP-01	
South Saskatchewan		COM-19/PE-31/IA-34	
Toronto	CAS-04/ED-15/ CHMT-21/LEO-36		
Winnipeg	AP-03/VT-06/MTT-17		
<u>REGION 8</u>			
Egypt	PE-31		
France	MTT-17		
Israel	CAS-04/CS-23		
North Italy	IM-09		
North Italy	PE-31		
U.K.R.I.	ASSP-01/COM-19	E-25	
Yugoslav	ASSP-01/CAS-04		
<u>REGION 9</u>			
El Salvador	COM-19		
Rio de Janeiro	C-16		
Rio de Janeiro	CAS-04		
<u>REGION 10</u>			
Beijing	PE-31		
Beijing	CHMT-21		
Hong Kong	CAS-04/COM-19		
New Zealand North	C-16		
Taipei	CAS-04		
Taipei	MTT-17		
Victorian	PE-31		

* Existing chapter expanded to include.

** Existing joint chapter changed to a single and a joint chapter.

*** Existing single section chapter made joint section chapter.

**** Existing joint section chapter made single section chapter.

SECTION F

TABLE 4 - STUDENT BRANCH CHANGES 1988
Formations

Region 2

Fairmont State College
OMI College of Applied Science-University of Cincinnati
University of Scranton

Region 3

Tri-Cities State Technical Institute
Chattahooche Technical Institute
University of North Florida
University of West Florida

Region 4

ITT Technical Institute-Indianapolis

Region 5

Oral Roberts University
University of Texas at San Antonio
Oklahoma Christian College

Region 6

University of California-Santa Cruz
Central Washington University
Western Washington University

Region 8

Kaiserslautern University
Warsaw University of Technology
University of Zimbabwe

Region 9

Universidad de El Salvador
Universidad Autonomas de Nuevo Leon
Universidad de Tarapaca
Universidad la Salle, A.C.
Universidad Catolica de Valparaiso
University of Chile

Region 10

University of Canterbury
Mohamed Sathak Engineering College
Mepco Schlenk Engineering College
VLB Janaki Ammal College of Engineering and Technology
Osmania University
Karnataka Regional Engineering College
Karunya Institute of Technology
Nanjing Institute of Technology
TsingHua University
Hindustan College of Engineering
Birla Institute of Technology-Mesra
INHA University
Ramrao Adik Institute of Technology

SECTION G

TABLE 1 - IEEE TECHNICAL PERIODICAL PUBLICATIONS OUTPUT - 1988 (Dist. Data as of 9/30/88)

Member Dist.	Non-M Dist.	Total Dist.	Periodicals	Freq.	Total Pages	Edit. Pages	Adv. Pages
<u>INSTITUTE-WIDE PUBLICATIONS</u>							
289446	3674	293120	SPECTRUM	12	1592	714.50	877.50
33303	3651	36954	PROCEEDINGS	12	1744	1708.00	36.00
46940	136	47076	POTENTIALS	4	222	173.50	48.50
<u>TRANSACTIONS & JOURNALS</u>							
ACOUSTICS, SPEECH, & SIGNAL							
13572	2110	15682	PROCESSING	6	1996		
9003	1695	10698	AEROSPACE & ELECTRONIC SYSTEMS	6	884		
7555	1960	9515	ANTENNAS & PROPAGATION	12	1896		
9244	2300	11544	AUTOMATIC CONTROL	12	1264		
3821	1716	5537	BIOMEDICAL ENGINEERING	12	1160		
2228	1192	3420	BROADCASTING	4	500		
8685	2014	10699	CIRCUITS & SYSTEMS	12	1620		
11890	2647	14537	COMMUNICATIONS	12	1408		
COMPONENTS, HYBRIDS, & MANUFACTURING							
3746	1448	5194	TECHNOLOGY	4	656		
COMPUTER-AIDED DESIGN OF INTEGRATED							
4895	1432	6327	CIRCUITS & SYSTEMS	4	1364		
12251	3025	15276	COMPUTERS	12	1740		
5051	1430	6481	CONSUMER ELECTRONICS	4	966		
2562	1246	3808	EDUCATION	4	312		
1907	1344	3251	ELECTRICAL INSULATION	6	1100		
3136	1462	4598	ELECTROMAGNETIC COMPATIBILITY	4	624		
9947	1278	11225	ELECTRON DEVICE LETTERS	12	732		
7227	2134	9361	ELECTRON DEVICES	12	2548		
3585	1628	5213	ENERGY CONVERSION	4	928		
7846	1458	9304	ENGINEERING MANAGEMENT	4	320		
8007	1082	9089	ENGINEERING MANAGEMENT REVIEW	4	280		
2126	1319	3445	GEOSCIENCE & REMOTE SENSING	6	926		
5191	1610	6801	INDUSTRIAL ELECTRONICS	4	604		
9627	1806	11433	INDUSTRY APPLICATIONS	6	1344		
4842	1920	6762	*INFORMATION THEORY	6	1605		
5058	1984	7042	INSTRUMENTATION & MEASUREMENT	4	700		
3565	1344	4909	LIGHTWAVE TECHNOLOGY	12	1944		
3483	1766	5249	MAGNETICS	6	3348		
11045	1107	12152	MEDICAL IMAGING	4	416		
9920	2045	11965	MICROWAVE THEORY & TECHNIQUES	12	2		
12265	1635	13900	NUCLEAR SCIENCE	6	1796		
1924	1196	3120	OCEANIC ENGINEERING	4	332		
PATTERN ANALYSIS & MACHINE							
6702	1803	8505	INTELLIGENCE	6	1016		
1060	1170	2230	PLASMA SCIENCE	6	708		
4317	1739	6056	POWER DELIVERY	4	2176		
3675	1253	4928	POWER ELECTRONICS	4	528		
5018	1854	6872	POWER SYSTEMS	4	1916		
2434	1296	3730	PROFESSIONAL COMMUNICATION	4	220		
5977	1851	7828	QUANTUM ELECTRONICS	12	2620		
3836	1884	5720	RELIABILITY	5	600		
6308	1306	7614	ROBOTICS & AUTOMATION	4	740		
7721	1498	9219	SELECTED AREAS IN COMMUNICATIONS	9	1648		
20702	934	21636	SEMICONDUCTOR MANUFACTURING	4	1108		
13836	2822	16658	SOFTWARE ENGINEERING	12	180		
5089	1973	7062	SOLID-STATE CIRCUITS	6	1496		
4250	1870	6120	SYSTEMS, MAN & CYBERNETICS	6	1108		
ULTRASONICS, FERROELECTRICS &							
1832	1319	3151	FREQUENCY CONTROL	6	884		
2410	1232	3642	*VEHICULAR TECHNOLOGY	4	196		
300371	78137	378508	Total TRANSACTIONS & JOURNALS	316	52459		

*Estimated. Not all issues published at time of this report.
Translation journal of magnetics not included.

SECTION G

TABLE 1 - (Continued)

<u>Member Dist.</u>	<u>Non-M Dist.</u>	<u>Total Dist.</u>	<u>Periodicals</u>	<u>Freq.</u>	<u>Total Pages</u>	<u>Edit. Pages</u>	<u>Adv. Pages</u>
<u>MAGAZINES</u>							
9259	1015	10274	AEROSPACE & ELECTRONIC SYSTEMS MAGAZINE	12	644	644.00	
13572	1087	14659	ASSP MAGAZINE	4	168	129.50	38.50
12882	1243	14125	CIRCUITS & DEVICES MAGAZINE	6	356	326.00	30.00
26000	1646	27646	COMMUNICATIONS MAGAZINE	12	958	809.50	148.50
91931	3293	95224	COMPUTER	12	1631	1283.08	347.92
22698	980	23678	COMPUTER APPLICATIONS IN POWER	4	212	188.00	24.00
11529	2834	14363	COMPUTER GRAPHICS & APPLICATIONS	12	617	588.51	28.49
9350	1184	10534	CONTROL SYSTEMS MAGAZINE	4	440	366.00	74.00
6082	1328	7410	DESIGN & TEST OF COMPUTERS	6	452	415.42	36.58
1979	1034	3013	ELECTRICAL INSULATION MAGAZINE	6	402	315.25	86.75
6608	1053	7661	ENGINEERING IN MEDICINE & BIOLOGY	4	336	316.75	19.25
14535	1698	16233	EXPERT MAGAZINE	4	404	341.99	62.01
16595	1844	18439	MICRO	6	620	604.33	15.67
7625	1481	9106	NETWORK MAGAZINE	6	510	435.50	74.50
21816	1107	22923	POWER ENGINEERING REVIEW	12	896	882.00	14.00
23732	1861	25593	SOFTWARE MAGAZINE	6	727	613.51	113.49
2425	1038	3463	TECHNOLOGY & SOCIETY MAGAZINE	4	128	128.00	
298618	25726	324344	Total MAGAZINES	120	9501	8387.34	1113.66

TABLE 2 - 1988 IEEE NONSERIAL PUBLICATIONS OUTPUT

	<u>Number of Items</u>	<u>Total Pages</u>		<u>Number of Items</u>	<u>Total Pages</u>
Conference Records	120	75000	Preprints	489	3423
IEEE PRESS Books	13	5238	Standards	80	8500

SECTION H

1988 EDUCATIONAL ACTIVITIES STATISTICS

ACCREDITATION

	<u>ABET</u>	<u>CSAB</u>
Programs reviewed	421	85
Institutions visited	155	84
Evaluators trained	107	25

INDIVIDUAL LEARNING ACTIVITIES

Individual Learning Programs		
In production		13
Products available		9
Units sold		346
Home Video Tutorials		
In production		4
Products available		35
Units sold		1393
Personal Development Products		
Products available		13
Units sold		1210

VIDEOCONFERENCES

Practical Applications of Artificial Intelligence (February)		
Sites		174
Attendance		4700
Microprocessors, Microcontrollers and ASIC (March)		
Sites		164
Attendance		3600
Semiconductor Lasers (May)		
Sites		87
Attendance		1910
Photonic Switching (September)		
Sites		126
Attendance		2775
Interdisciplinary World of Computers Compusat 88 - Special Broadcast (October)		
Sites		130
Attendance		4160
Applications of Superconductivity (October)		
Sites		136
Attendance		3540
Supercomputers (December)		
Sites		156
Attendance		3900
Total Attendance		24,585