SOCIETY ON SOCIAL IMPLICATIONS OF TECHNOLOGY

SSIT AdCom Meeting Minutes Dec. 10, 1988

Attendees: Robbi, Kline (acting Sec.), Barus, Balabanian, Stern (visitor), Cassedy, Wald, Lubell, Apter, Rabow, Unger, Wujek (visitor), Jatlow

- 1. Meeting called to order at 10:15 A.M. by Robbi.
- 2. Agenda adopted without change.
- 3. Corrections to Minutes of previous meeting:

N. Balabanian attended. Discussion of Defense Fund for whistleblowers was general, not a PACE discussion.

4. President's Report (Robbi)

Nov. TAB Meeting Highlights:

The IEEE BoD ad-hoc committee on the Code of Ethics revision, chaired by Ed Bertnolli, reported that the BoD had acted legally in amending the Code, that only wordsmithing suggestions had been made since, and that the procedures to amend the Code (now part of the IEEE Policy Manual) needed revision to include more IEEE entities in the process and to publish a draft of proposed changes in the Institute months in advance of a BoD vote. Robbi pointed cut to TAB that several IEEE entities, including SSIT, had made constructive criticism of the Change at a level beyond wordsmithing. TAB voted to endorse the procedural change (notification of TAB, RAB, USAB, prepublication, and 2/3 vote of BoD), later adopted by BoD.

COMAR is now a USAB committee.

A Transnational Relations Committee (joint TAB/RAB) has formed.

TAB voted to request imrovement in performance of IEEE Publishing Services for newsletters and magazines.

All new members of IEEE Societies will get a full complement of their first year's issues, helping retention.

The revised governmental secrecy policy of SSIT (see Sep. 1988 Mins.) was adopted as a TAB position, after some wordsmithing.

Mark Frankel of AAAS edits a newsletter called Professional Ethics Report, and has published a report Science, Engineering, and Ethics. They are available upon request to AAAS, Office of Scientific Freedom and Responsibility, 1333 H St. NW, Washington, DC 20005.

5. Past President's Report (Unger)

The Code of Ethics Working Group (Kline, Unger, Rossoff) addressed the issue of the recent change to the IEEE Code of Ethics. Unger responded to

Bertnolli's letter containing a draft of a new code, as did Rossoff. Kline produced a draft criticism for the Working Group on Bertnolli's draft code.

Unger favors rewriting the code to improve it. The process of revising the code is valuable in itself for IEEE members if they are involved in the process.

Unger attended the national PACE meeting in Phoenix and discussed putting teeth into the code to support ethical engineers.

Unger suggests that the SSIT support the proposal of Larry Dwon to survey IEEE members about ethical treatment by employers and publish the results (i.e, rate employers in this regard).

The SSIT should also look into the idea of ethics insurance proposed by an Australian member in the June issue of T&S.

The SSIT should encourage the IEEE Member Conduct Committee to act on more cases and change the rules so they can give more support to ethical engineers.

6. Treasurer's Report (Apter)

Accepted (see the attached report).

7. Publications Report (Rabow)

The September issue of T&S is finished and will go to the printers soon, to be out by the end of the month.

The December special issue on history is complete, except for indexing. It will be out by the beginning of February.

The December issue is a special issue on communication in developing countries.

Publication Progress Report (C. Specter)

(See handout.) The AdCom agreed to endorse Specter's exploration of alternative #2 (a special issue in the IEEE Proceedings).

Bi-Annual Special Issues

The AdCom agreed that T&S would publish special issues on history and bioethics on a bi-annual basis.

Suggestions were also made regarding a special issue on IEEE and public policy in Washington, a regular Washington column, a books-received list, etc.

Outside Publishing

A lengthy discussion was held with Roger Stern, a publishing consultant who attended the meeting, regarding publishing T&S outside the IEEE to

save money and reduce publishing delays. Stern will make a proposal to SSIT to publish T&S, from copy leaving the editor's desk to putting it in the mail.

7. Other Society Liaison

Veg. Gardner attended a meeting of the ASME technology and society group.

Peter Lubell reported on a meeting of the Committee on Communications Information Policy; topics discussed were computer virus, HDTV, U. S. competiveness, etc. He'll write an article on it for T&S. 8. Standing Committee Reports

<u>Membership</u> (Jatlow)

(See the attached report.) He passed around the new membership brochure (also enclosed). He will explore procedures on members joining SSIT who belong to IEEE affiliate societies (e.g., ASME, AAAS, APS, ASCE).

Elections (Unger)

Norman Balabanian, the nominee for President, was elected unanimously.

Al Wald, the nominee for Vice President, was elected unanimously.

The President-elect appointed Marc Apter and Mal Benjamin to continue in their offices of Treasurer and Secretary, respectively.

Awards (Barus)

The Benjamin Linder award ceremony was not held at Northcon because the chairman of the Northcon Board refused to have the ceremony at the conference. The cermeony was held at the University of Washington faculty club, with about 40 people attending. Carl Barus and Norman Balabanian attended for SSIT (Barus introduced Linder's father, who gave a speech, and Balabanian made the presentation and gave a speech). Linder's father donated the check (\$750) to the University's Benjamin Linder Scholarship Fund. Five or six people from the IEEE Seattle Section attended, as did the chairman of Northcon. A Benjamin Linder Memorial Fund has been established by the family.

The Dec. issue of T&S will publish an account of the ceremony, which has already appeared in some newsletters. The ceremony was also covered by the local papers in Seattle and on television there.

Barus is looking into other possible awards, e.g., one connected with the government's nuclear weapons plants.

Conferences

Retreat

Article on the recent retreat (companies support of ethical conduct by their employees) will appear in T&S [Mal, do you have more for a short

report?]

<u>Joseph</u> <u>Wujek</u> described the recent activities on the ethics program at Apple, his employer, and his recent work in this area (speeches, conferences, etc.), as well as resources in this field (Ethics Resources Center, CSEP at Illinois Institute of Technology, etc.)

LA Conference

June issue of T&S has a call for papers (copy enclosed).

C. Specter's Conference Report

(See the attached report.)

Standing Committee Chairs

Charlie Rubenstein is now the chair of the Student Committee; Christine Specter will chair the Conferences Committee, both subject to

10. Old Business

confirmation by Balabanian.

Reagan pocket vetoed the Whistleblower Protection Act, which Congress will bring up again.

MOTION Unger moved that the SSIT renew its support for the Whistleblower Protection Act. Motion seconded by Kline and passed unanimously. (Robbi signed a letter of support for the Act, which is enclosed.)

9. Meeting Dates

March 4 Empire State College

May 20

13. Meeting Adjourned

The meeting adjourned at about 4pm.

SSIT - 1988 Highlights

The SSIT Award for Outstanding Service in the Public Interest was granted posthumously to Benjamin E. Linder at a ceremony at the University of Washinton near Seattle. Linder chose a career with a distinct purpose, to help the rural poor of the Third World. He was killed in April 1987 in Nicaragua while engaged in a rural electri- fication project. The monetary award was given to the University of Washington's Ben Linder Scholarship Fund. The ceremony coincided with a lecture on appropriate technology.

A print overrun of the special issue of Technology and Society Magazine on patents (Sep. 1988) was produced for IEEE USAB Division PACE. The issue will provide relevant information to interested USA members and to the USAB intellectual property rights Committee.

SSIT membership has leveled off and increased slightly after several years of decline. More than 90% of SSIT members belong to other IEEE societies; we are a 2nd society for most members and therefore have a turnover rate about 1/3 larger than the avereage IEEE society. The Membership Development Committee granted us \$1000 toward an SSIT Membership Brochure. It has been produced.

The Engineering Management Society presented a grant of \$1000, and urged other societies to follow suit. Our financial position is stronger and we were able to support our Los Angeles Council Chapter in undertaking an SSIT Conference scheduled for Oct. 20-21 1989 at Cal State University, Los Angeles.

SSIT participated in a major way at Electro 88 by organizing four sessions, two by the Boston Chapter and two 'repeats' from Electro87 by the SSIT Conferences Committee.

A second SSIT retreat, focusing on ethics in the workplace was held at the Fellowship Farm near Pottstown, PA in Oct. Several ideas on how SSIT can help commercial organizations deal with ethical issues emerged and were discussed.

Contact with like-minded segments of other technical organizations such as ASME and the AAAS has been maintained. Such contacts may lead to cooperation in publication, conferences, or focused special meetings.

Our strong objection to the ethics code extension approved by the IEEE Board of Directors in November 1987 was acknowledged. SSIT views the extension as an unecessary restriction of free speech. The BOD appointed a task force of its members to review its decision. They found that the content of the change was useful but that proposed Ethics Code changes should receive more thorough review in the future. We continue to press for a new Code eliminating the free speech impact and delineating conflict of interest.

SSIT renewed, with slight modification, its position advocating free flow of technical information where permitted by commercial interest and not classified under national security. At its Nov. 1988 meeting TAB adopted the position as a TAB position.

SOCIETY ON SOCIAL IMPLICATIONS OF TECHNOLOGY

Treasurer's Report of 10 December 1988

DIVISIN

* SSIT has received \$1,000 from PACE funds for 1,000 extra copies of the S&T Magazine issue on Intellectual Property Rights.

- * The 9/30/88 Society cash balance was \$52,310.
- * The financial viability of our Society is still dependent on the number of dues paying members. Our 1985 budget was developed based on 2652, the 1986 budget on 2652, the 1987 budget on 2164, the 1988 budget on 2175, and the 1989 budget is based on 2091 regular members. We are still not meeting our budgeted membership figures, and this will continue to cause our operation to be in a deficit position.
- * Following are the actual figures for regular members since 1985:

12/31/84 2/28/85 4/30/85 6/30/85 8/31/85 9/30/85 10/31/85 11/30/85 12/31/85 1/31/86 4/30/86 6/30/86 8/31/86 9/30/86 10/31/86 12/31/86 1/31/87 2/28/87 4/30/87 6/30/87 7/31/87 10/31/87 12/31/87 2/29/88 4/30/88 6/30/88 8/31/88

* Overall, our membership figures for 1985 through 1988 have been:

	Active <u>Members</u>	Arrears Members	Total <u>Members</u>
12/31/84	3218	961	4179
2/28/85	2399	1065	3464
4/30/85	2525	889	3414
6/30/85	2629	862	3491
8/31/85	2659	856	3515
9/30/85	2671	863	3534
10/31/85	2749	860	3609
11/30/85	2854	854	3708
12/31/85	2930	849	3779
1/31/86	2611	997	3608
4/30/86	2352	779	3131
6/30/86	2455	736	3191
8/31/86	2469	749	3218
9/30/86	2479	743	3222
10/31/86	2554	- 742	3296
12/31/86	2773	735	3468
1/31/87	2457	876	3333
2/28/87	2150	805	2955
4/30/87	2241	689	2930
6/30/87	2335	657	2992
7/31/87	2361	646	3007
10/31/87	2506	651	3157
12/31/87	2695	644	3339
2/29/88	2144	728	2872
4/30/88	2301	593	2894
6/30/88	2399	550	2949
8/31/88	2432	565	2997

* The costs to publish the 1984 issues of T&S were:

	MAR	<u>Jun</u>	SEP	DEC
Fixed Costs Variable Costs Other Costs Ed Services	\$2,586.07 \$2,764.24 \$ 235.68 \$1,125.80	\$2,711.25 \$2,765.70 \$ 238.03 \$ 987.03	\$2,279.02 \$2,884.16 \$ 244.86 \$1,422.00	\$3,927.05 \$3,346.80 \$ 576.70 \$1,422.00
Total	\$6,711.79	\$6,702.01	\$6,830.04	\$9,272.55

These figures reflect a cumulative cost per page of \$170.05 versus our budget of \$172.

* The costs to publish the 1985 issues of T&S were:

	MAR	<u>JUN</u>	SEP	DEC
Fixed Costs Variable Costs Other Costs Ed Services	\$1,356.03 \$3,040.85 \$ 208.65 \$1,782.00	\$2,818.47 \$2,660.62 \$ 226.70 \$1,534.50	\$1,922.92 \$2,863.44 \$ 188.98 \$1,740.75	\$2,846.26 \$2,701.94 \$ 791.50 \$1,641.75
Total	\$6,387.53	\$7,240.29	\$6,716.09	\$7,981.45

These figures reflect a cumulative cost per page of \$150.18 versus our budget of \$172.

* The costs to publish the 1986 issues of T&S were:

	MAR	JUN	SEP	DEC
Fixed Costs Variable Costs Other Costs Ed Services	\$3,163.09 \$3,646.78 \$ 257.02 \$2,429.80	\$3,190.17 \$2,639.15 \$ 199.81 \$2,001.60	\$1,904.49 \$2,888.07 \$ 206.79 \$1,951.80	\$3,421.05 \$2,464.99 \$ 809.41 \$2,051.40
Total	\$9,496.69	\$8,030.73	\$6,951.15	\$8,746.85

These figures reflect a cumulative cost per page of \$163.10 versus our budget of \$172.

* The costs to publish the 1987 issues of T&S were:

	MAR	<u>JUN</u>	SEP	DEC
Fixed Costs Variable Costs Other Costs Ed Services	\$2,111.38 \$2,626.69 \$ 224.81 \$2,177.49	\$x,xxx.xx \$x,xxx.xx \$ xxx.xx \$x,xxx.xx	\$x,xxx.xx \$x,xxx.xx \$ xxx.xx \$x,xxx.xx	\$x,xxx.xx \$x,xxx.xx \$ xxx.xx \$x,xxx.xx
Total	\$7,140.37	\$x,xxx.xx	\$x,xxx.xx	\$x,xxx.xx

These figures reflect a cumulative cost per page of \$137.86 for the one issue we will receive figures for. I have been told we will not receive figures for the remainder of the 1987 issues, since there was an accounting system change and they will not back calculate costs. * The costs to publish the 1988 issues of T&S were:

	MAR	<u>JUN</u>	SEP	DEC
Fixed Costs Variable Costs Other Costs Ed Services	\$ 100.00 \$3,500.00 \$ 200.00 \$?,???.??	\$x,xxx.xx \$x,xxx.xx \$ xxx.xx \$x,xxx.xx	\$x,xxx.xx \$x,xxx.xx \$ xxx.xx \$x,xxx.xx	\$x,xxx.xx \$x,xxx.xx \$ xxx.xx \$x,xxx.xx
Total	\$3,800.00+	\$x,xxx.xx	\$x,xxx.xx	\$x,xxx.xx

These figures reflect a cumulative cost per page of \$105.05+ versus our budget of \$172. We have also been billed this year for the following, but not against any specific issue of T&S:

Pub Admin	\$ 700.00
Editorial HQ	\$2,100.00
Indexing	\$ 0.00
Microfiche	\$ 100.00

These charges should have been placed against a specific issue of T&S in accordance with the new chart of accounts. Unless IEEE HQ redoes the charges, we will never know what T&S cost us, especially since some of the charges are for prior year issues.

* Based on the ongoing problems SSIT has experienced with IEEE HQ publishing T&S, I would like the ADCOM to authorize a formal investigation to locate a new publisher. The ADCOM must also decide what geographical restrictions need to be placed on the search, unless you feel electronic communications makes that a moot point?

Respectfully submitted

M.T. Apter Treasurer

reed up to-

PUBLICATION PROGRESS REPORT:

Special Issue of the Technology and Society Magazine

Inspection and Verification for Disarmament

by Christine Specter

December 10, 1988

Background

The objective is to assemble a resource document sponsored by established professional Societies examining the topic of inspection and verification. Sub-topics include, at this time, on site visits, seismic monitoring, and satellite verification. An overview paper looking at political realities and opportunities would help to put the more technical topics into perspective.

You may recall from the last SSIT Ad Com meeting that we decided to go ahead with the American Nuclear Society and the Ad Com asked me to follow up on a second editor to ensure balanced paper reviews and presentation of the relevant issues. At that time, we were considering Peter Zimmerman, of the Carnegie Endowment for World Peace for the second position. However, I was to check on his access to support resources (such as secretarial help) as he was leaving the Endowment at the end of the year. When I last spoke to him, he did not know where he would be next year. Originally, he was going to FAX me his resume so I could bring it with me to the September SSIT Ad Com, but later told me he hadn't because of the lack of secretarial support. Next, he promised to send it to me through the mail, but he hasn't. I do not believe this suggests that he is the correct person for this assignment.

Proposed Participants

Society on Social Implications of Technology

American Nuclear Society (ANS): ANS has nominated Norman Jacobsen as special editor. (See Attachment I for his vitae.)

Science for Peace: Dr. Keith Raney, GRS President, recommended this organization as an alternative to the Endowment. I have received confirmation that this group is very interested in participating. This organization has nominated Prof. Derek Paul as special editor. (See Attachment II for information about Science of Peace and Dr. Paul.)

Other IEEE Representation: Geoscience and Remote Sensing Society (GRS) or another society, such as Aerospace Electronics and Systems Society (AESS), or involvement of a larger constituency through IEEE Proceedings publication. This route could be pursued by contacting Managing Editor, Hans Leander, or editor, Merrill Skolnik. Dr. Kiyo Tomiyasu, of GE Aerospace and member of TAB, suggested this approach at the last GRS Ad Com meeting, since he feels this topic will evoke such widespread interest. If this approach were approved, we would have a readership of 40,000.

Suggested Schedule

The nominal baseline schedule would achieve publication of the Special Issue in mid-1990 or 1991, assuming i) eleven months for paper peer review, revision, and publication preparation; ii) five months for paper solicitation, composition, and submission; and iii) four to eight months of preliminary planning and approvals.

Project Configuration

Alternative #1: Go ahead now with a Special Issue of the <u>Technology and Society</u> Magazine. If we decide to proceed as originally planned, with a Special Issue of our magazine, we would produce a document of approximately 5 articles. The balance, coverage, and nominated authors would be determined by the guest editors, one drawn from ANS, and one from Science for Peace.

Advantages: We could go ahead now, and this configuration is less complex. Disadvantages: Small page count, relatively small circulation.

Alternative #2: Give me a few more months to work out a cooperative arrangement with another IEEE Society, and to explore the idea of a special issue of the IEEE <u>Proceedings</u>. In this case, we could envisage the Special Joint Issue (or <u>Proceedings</u>) to be a document of (nominally) 200 pages, made up of (nominally) 20 articles specifically solicited for this publication. The print run would be developed based on a merge of the membership of participating Societies plus library archival copies, and could range from 4000 to 40,000 copies.

Again, the balance, coverage, and nominated authors would be determined by the Guest Editors, one drawn from each of the (four) participating Societies. It would be expected that page charges would be honored, but hopefully sponsorship could be found to assist authors in this responsibility where needed. Specifics regarding page count would need to be developed based on both the technical and financial planning for the work.

Advantages: Increases number and quality of articles and extends readership to a larger audience.

Disadvantages: Slows down implementation time, is more complex, and we may not get the cooperation we seek.

Recommendation

I would like you to give me a few more months to explore Alternative #2. I think we may be able to create a significant document with widespread readership, but I will follow the wishes of the SSIT Ad Com.

Attachment I

Norman H. Jacobson 723 Carriage Hill Drive Glenview, Illinois 60025

312/729-0910

EDUCATION		, University of Wisconsin ons/Government, George Washington University
EMPLOYMENT	1981 - Now	Retired Free-lance contributor to NUCLEAR NEWS American Nuclear Society La Grange Park, Illinois
	1970 - 1980	Manager of Publications American Nuclear Society La Grange Park, Illinois
	1966 - 1970	Assistant Director Research/Development Planning & Technical Staff Administration Argonne National Laboratory Argonne, Illinois
	1963 - 1966	Editor Technical Publishing Co. Barrington, Illinois
	1954 - 1963	Editor Haywood Publications/Cahners Publications New York City/Chicago
•	1950 - 1954	Chief, Industrial Information Branch US Atomic Energy Commission Washington, DC

ATTACHMENT II

Information about Science for Peace:

This organization has been in existence for approximately seven years. It is a relatively small organization (membership of several hundred), comprised primarily of Canadian scientists and academicians who are engaged in activities related to disarmament issues. Many of its members are well known, including John Polanyi, Nobel Prize recipient in Chemistry; George Ignatieff, past United Nations representative; and David Suzuki, spokesperson for Canadian Broadcasting (CBC).

Information about Dr. Derek Paul:

Dr. Paul is a professor of physics at the University of Toronto who has been doing work in areas related to disarmament. One example is his paper, published in 1986, "To Stop or Not to Stop the Nuclear Arms Race: Comments on a Comprehensive Nuclear Test Ban."

INSTITUTE OF ELECTRICGL AND ELECTRONICS ENGINEERS SOCIETY ON SOCIAL IMPLICATIONS OF TECHNOLOGY OTHER SOCIETY LIAISON

6624 Kirby Court, Falls Church, VA 22043 Dec. 10, 1988

Dr. Anthony D. Robbi, President, SSIT, RD 1, Box 143, Hopewell, NJ 08525

Subject: Other Society Liaison

- 1. Since the Sept. 10, 1988 AdCom meeting my liaison with xxxxx other organizations concerning social implications has been as follows:
 - a. On Friday, Dept. 30, 1988 I spent most of the day attending the ExCom meeting of the Technology and Society Division of the American Society of Mechanical Engineers in Washington, D.C. A total of thirteen attended. At the meeting it was announced that Anthony J. Bianculli (see par. 6.5 of the minutes of the SSIT AdCom meeting held on Dec. 19, 1987) had been asked to step down temporarily due to health reasons. Chairman Robert J. Gerrish of the ASME T&S Division had contacted and received a committment from Bruce Robertson to chair the committee temporarily.
 - b. On Oct. 4, 1988 I attended the pankel discussion, "Accuracy in Computer-tabulated Elections", sponsored by the newly-formed Washington Area Chapter of Computer Professionals for Social Responsibility. One of the panelists was Lance Hoffman, Professor of Electrical Engineering and Computer Science, who is a member of SSIT. The next meeting is scheduled for Dec. 6 with Dr. John Shore; an acclaimed author, on the subject, "Why I Never Met a Programmer I Could Trust".
 - c. Inaugurated on Feb. 5, 1988 was a society known as "National Association for Science, Technology and Society (NASTS). The membership is \$40 and the address of the society is:

128 Willard Building, University Park, PA. 16802 (1814) 865-9951

A New York contact point is George Bugliarello, President, Polytechnic University, Brooklyn, NY 11201.

Polytechnic University, Brooklyn, NY 11201.
d.As a member of Section X, "Societal Impacts of Science and Engineering" of the American Association for the Advancement of Science I maintain contact with the Section officers. The Section has no activity wask in the Washington, D.C. area to my knowledge.

cc: J. Malvern Benjamin Respectfully submitted,

Vernon & J. J. Vernon E. Gardner



SOCIETY ON SOCIAL IMPLICATIONS OF TECHNOLOGY

PLEASE REPLY TO JOIN 12-J

Jack L. Jatlow 166 East 61st St. apt. 12-J

New York, N.Y. 10021

Winter address Jan.6-Apr.4 1989 5860 N.W.44th St. Bldng 6 Apartment 404 Lauderhill, Fl. 33319

REPORT TO SSIT ADCOM Dec. 10, 1988

1- Membership-

Our membership has been increasing each of the last six months. Altho the increase is small it is a positive sign of the growing interst in our Society.

In July 1988 the active membership was 2426 at the end of October it was 2463

The members in arrears has dedreased from the prior year from 383 to 299.

2- Membership Development-

We at last have a Membership Development Brochure, which I believe will be instrumental in increasing our membership materially. Bill Hunter of the Membership Development Committee was very helpful in the final editing, and follow up of the various stages of the brochure production. He will send 15 copies of the brochure to each of our Chapter Chairmen for their local membership development activities. Bill will also have copies of our brochure displayed at the IEEE functions at which membership development brochures are distributed.

Copies of our brochure may be ordered by form MD-02 Membership Development Supply form which may be obtained from the Membership Development Service Center,445 Hoes Lane, PO Box 1331, Piscataway. New Jersey,08855-1331.

3- IEEE Membership Drive-

The IEEE Membership Development Committee is making a drive to attain its 300,000 th member during Dec. of this year. The 300,001th member will be honored, in addition they are oreparing a brochure which will include a page from every IEEE Society. The pges will include answers to specific questions relating to the Societity's objectives, activities, and plans. Attached is a copy of the information we supplied.

IEEE 300,000 STRONG



Society on Social Implications Of Technology Dr. Anthony D. Robbi (Use additional sheets if necessary)

What is the Society's role in providing services to its members, both 1. near term and in the future?

SSIT acts to

- explain technology-society interaction to engineers and the public through its publications, conferences and conference sessions, chapter meetings.
- foster communication among engineers, and between engineers and the public, on public concerns and professional responsibility.
- recognize outstanding professional service in the public interest.

SSIT provides

continued on attached sheet

What is the Society's activities in Membership Development 2A. (recreuiting) currently and in the future? A 1988 issue of our membership brochure is in completion stage. It will be distributed to our chapters for their use in a membership drive at their local meetings, conferences, symposia, and meetings of related technical societies. Encourage individual chapter members to solicit new members. Weare planning a drive to have other IEEE societies insert a membership advertisement in their publications on a reciprocal basis. About 90% of our membership are members of other IEEE Societies.

What is the name of the Society's MD Chairman and a brief bio? В.

Jack L. Jatlow Technical Director (retired) ITT Defence Communication Division. Fellow IEEE, Fellow AAAS, Member N.Y. Academy of Sciences, Chairman of Awards Committee Engineering Management Society, Membership Chairman of Society on Social Implications of Technology, Vice Chairman of f the Admission and Advancement Comm.

What is the Society's view of IEEE's strengths and weaknesses and its opportuntities and directions for the future?

The IEEE strength lies in its broad field of interest with 34 societies specializing in specific fields, enabling every member whatever his interest, to find a Society for him to join.

The general public, thru the daily communication media, is becoming aware of the impact of technology. The IEEE, the largest technical organization, is unknown to the public. Our publicity should be increased by publicizing accomplishments by IEEE members in newspapers, radio, and the TV media.

Emphasizing the IEEE

Mail completed form to: IEEE Membership Development, 445 Hoes Lane, PO Box 1331, Piscataway, NJ 08855-1331, USA.

IEEE 300,000 STRONG

sheet 2 item 1 continued

SSIT provides

- an open forum for the interchange of ideas related to the technology- society interface.
- the meanato encourage and support social responsibility@and a professional approach to the practice of engineering.
- a mechanism for focusing social-related ideas generated thruout the IEEE.



THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

SOCIETY ON SOCIAL IMPLICATIONS OF TECHNOLOGY

A DELICATE BALANCE:

TECHNICS, CULTURE, AND CONSEQUENCES



The Los Angeles Chapter
Society on the Social Implications of Technology
calls engineers and scholars, business leaders and artists
for an Interdisciplinary Conference at:
California State University, Los Angeles
20-21 OCTOBER 1989

CALL FOR PAPERS

Our goal is to bring together recognized experts, committed professionals and interested students from widely disparate fields to discuss the applications and the implications of *technics*. Technology involves not only the knowledge of *how to do*, but must provide as well answers to: *should it be done*, and *can its consequences be managed*. These questions are the proper domain of cultural commentary. The conference will bring your ideas to a receptive audience and send you home with a network of peers and colleagues upon whose expertise and continued support you can rely.

Our themes were initiated at the Carnahan Conference on Harmonizing Technology with Society, held at the University of Kentucky under the leadership of Professor John Jackson. We invite papers under the following broad themes:

- O THE DEPENDENCE OF GLOBAL PROSPERITY ON THE INTEGRATION OF MATERIALS AND INFORMATION
- O THE RESPONSIBILITY OF THE ENGINEER IN EDUCATION AND PRACTICE
- O THE ENGINEERED ENVIRONMENT AND NATURAL RESPONSE
- THE ARTIST AS MAKER, COMMENTATOR, AND TRANSFORMER IN TECHNICS AND CULTURE

These major speakers are confirmed participants:

Hans Joachim Queisser, Ph.D., Director, Max Planck Institute for Solid State Physics, Stuttgart, Germany and Member, Board of Directors, Scientific American.

Edward Wenk, Jr., Ph.D., Professor Emeritus of Engineering, Public Affairs and Social Management, University of Washington, Seattle.

Crawford Holling, Ph.D., Professor, Institute of Animal Resources Ecology and Department of Zoology, University of British Columbia, Canada.

Sheila Pinkel, M.F.A., Chair, Department of Photography, Pomona College, California.

We welcome historical, philosophical, and artistic contributions which parallel and complement technical studies. Prospective authors are invited to submit 600 word abstracts of original, unclassified papers or definitive proposals of art contributions.

Submission deadline for abstracts and art proposals:

1 February 1989

Notification of acceptance:

15 March

1989

Final, camera ready, revision due:

1 June

1989

Send abstracts and proposed submissions to the Technical Program Chair or the Interdisciplinary Chair as appropriate:

TECHNICAL Professor All

Professor Allen Jay Freedman School of Engineering and Technology California State University, Los Angeles 5151 State University Drive Los Angeles, CA 90032 (213) 224-2002; (818) 889-4676 INTERDISCIPLINARY Nik Warren, Ph.D. Otis/Parsons Art Institute 134 Hart Avenue Santa Monica, CA 90405

(213)392-6595; (213)392-4422

CONFERENCE REPORT

by Christine Specter

December 10, 1988

Panel Session on the Social Implications of Remote Sensing for Electro '89-

After I returned from Edinburgh in mid-September, I tried to follow up on this panel session, but after talking with Ms. Le Beare at the Electro office in California, and Charlie Rubenstein, I determined that it was too late to put it together. However, I am on the mailing list now for future Electros, and I will try to put a panel together for a meeting next year.

International Space Year-

In keeping with our AD Com discussion on September 10, I have proposed to the NASA Education subgroup that the SSIT activity for ISY would be a special issue of our magazine dedicated to ISY. I think it very likely that the Geoscience and Remote Sensing Society (GRS) might be interested in participating on this joint issue. If the SSIT Ad Com approves, I would bring up this idea at the next GRS Ad Com meeting.

GOVERNMENT ACCOUNTABILITY PROJECT

25 E Street, N.W., Suite 700 Washington, D.C. 20001

(202) 347-0460

November 25, 1988

TO: Supporters of the Whistleblower Protection Act FROM: Tom Devine, Legal Director RE: New petition

Whistleblowers have lost a battle, but their hopes of winning the war are now even greater. President Reagan's pocket-veto of the Whistleblower Protection Act of 1988, after his assurance of administrative support, Congressional outrage was overwhelming and bipartisan. This suggests that the same or a stronger bill will be passed again promptly when Congress reconvenes. But we must not take that scenario for granted. Therefore, we must continue to encourage Congress to defend the federal employee whistleblower bill.

We ask that you sign this new petition to indicate your organization's ongoing support of meaningful free speech rights for federal employees who want to be public servants, instead of bureaucrats. We are urging Congress to symbolically prove its priority for the whistleblower bill by introducing it as priority for the whistleblower bill by introducing it as had S. 1 and to schedule votes on the same or even stronger legislation immediately. Please urge your members to contact the Speaker of the House, the Senate Majority Leader, and President-elect Bush, as well as their own Congresspeople and Senators, to express their support for this legislation. Also, they should contact the seven legislators whose efforts will make or break the new congressional campaign:

Representative Patricia Schroeder, Chair Subcommittee on Civil Service 113 Cannon House Office Building Washington, DC 20515 202-225-4025

Representative Frank Horton 2229 Rayburn House Office Building Washington, DC 20515 202-225-4916

Senator Charles Grassley 135 Hart Senate Office Building Washington, DC 20515 202-224-3744 Senator Ted Stevens
Senate Committee on Governmental Affairs
601 Hart Senate Office Building
Washington, DC 20515
202-224-3004

Senator Carl Levin, Chairman
Senate Governmental Affairs Subcommittee
on Oversight of Government Management
446 Hart Senate Office Building
Washington, DC 20515
202-224-3682

Senator David Pryor, Chairman Senate Governmental Affairs Committee on Civil Service 264 Russell Senate Office Building Washington, DC 20515 202-224-2254

Senator John Glenn, Chairman Senate Governmental Affairs Committee 503 Hart Senate Office Building Washington, DC 20515 202-224-3353

Thank you for your continued support.

PETITION

WHEREAS: Congress has recognized that it is sound public policy to protect from reprisal whistleblowers, who challenge Executive branch misconduct through disclosures of illegality, mismanagement, abuse of authority, gross waste, and substantial and specific dangers to public health or safety; and

WHEREAS: Federal employee whistleblowers who seek protection through their legislatively-designated champion, the Office of the Special Counsel (OSC), have no due process rights before the OSC, which conducts its proceedings in secrecy and recognizes no obligation to contact relevant witnesses or explain its legal decisions to employees who seek help against reprisals; and

WHEREAS: Despite a \$4 million annual budget, since 1979 the OSC has not conducted a single corrective action hearing to restore a whistleblower's job rights and has turned away without providing any assistance to over 99% of whistleblowers who sought relief; and

WHEREAS: The OSC has abused its discretion and betrayed its mission by defying legislative intent, by assisting government agencies in efforts to fire whistleblowers and by helping to blacklist dissenting public servants permanently from the civil service system, to the point where it has earned the reputation as a Trojan Horse and only half as many employees now file complaints with the OSC as in the years immediately after its creation; and

WHEREAS: Decisions of the Merit Systems Protection Board, the administrative court created along with the OSC by the Civil Service Reform Act of 1978, have created a body of legal precedents which make it nearly impossible to successfully exercise the whistleblower defense, which only has succeeded four times in the nine years of the Board's existence; and

WHEREAS: Under current law judicial review of MSPB decisions is monopolized by the Federal Circuit Court of Appeals, which only has supported the whistleblower defense once in the six years since the court's 1982 creation and has taken a judicial activist role in shrinking the free speech protections of the Reform Act; and

WHEREAS: The Whistleblower Protection Act of 1988, S.508, was a modest proposal that fell far short of the requests by labor and free speech advocates but gave whistleblowers a minimum chance to defend themselves through creating enforceable rights, eliminating the discretion of the Special Counsel to undercut the rights of those seeking assistance, and creating realistic burdens of proof; and

Endorsed in principle by resolution of the administration Committee of the IBBB Society on the Social Implications of Technology on president 10 December 1988. Section Rober, President WHEREAS: S.508 was the product of three years of research and five congressional hearings; and

WHEREAS: The House Post Office and Civil Service Committee has passed the bill unanimously twice, in 1986 the House passed analogous legislation by voice vote unanimously without dissent, in 1988 the House passed S.508 by a 418-0 vote, in 1988 the Senate Government Affairs Committee passed the legislation unanimously and the Senate passed the legislation by unanimous consent; and

WHEREAS: The Whistleblower Protection Act has been endorsed by the American Bar Association House of Delegates, the Federal Bar Association, federal employee unions, the Federal Managers Association, the Senior Executive Association, and some 175 grass roots organizations on behalf of 90 million Americans; and

WHEREAS: An Executive branch that commended and promised to support the legislation waited until Congress had adjourned and then broke its commitment by pocket-vetoing the bill; and

WHEREAS: S.508 already was the product of so many compromises that if it was diluted any further it would be impossible to defend as providing even minimal free speech protections and would become an anti-whistleblower bill; and

WHEREAS: Further compromises would reward the Executive branch for violating its commitments on legislation;

THEREFORE: The undersigned organizations petition the lead sponsors of S.508, Senators Carl Levin, David Pryor, Charles Grassley, Representatives Patricia Schroeder and Frank Horton, to pass an identical or stronger bill to that which passed Congress unanimously in October 1988, without further compromise.

Yes, we agree the provisions in the Whistleblower Protection Act (S.508), as listed in the enclosed petition are necessary to produce an effective statute. The bill should be voted on without further compromise or dilution as the first order of business when Congress reconvenes in January 1989.

Signature:

Organization:

INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS SOCIETY ON SOCIAL IMPLICATIONS OF TECHNOLOGY PROFESSIONAL ACTIVITIES COUNCIL FOR ENGINEERS

> 6624 Kirby Court, Falls Church, VA 22043 Dec. 10, 1988

Dr. Anthony D. Robbi, President, SSIT, RD 1, Box 143, Hopewell, NJ 08525 Subject:

Professional Activities Council for Engineers (PACE); report of PACE Chairman for SSIT.

- 1. The report of the National PACE Conference which I attended over the Labor Day week end is a document of 110 pages. Enclosed are copies of pages 95 and 96 which cover the "Division/Society Meeting" held during that conference.
- 2. A meeting of the Divisional Professional Activities Task Force was held at the IEEE office in Washington, D.C., on Dec. 3. The meeting was attended by the following:

Robert P. Noberini, Chairman.

Charles Rubenstein.

William Whipkey.

James F. Strother.

Vernon E. Gardner.

Ann Hartfiel (IEEE Staff).

On Nov. 16 USAB granted the task force committee status as recommended by the USAB OpCom on Oct. 1. A copy of the Charter, "Professional Activities Council for Engineers, PACE DIVISIONAL ACTIVITIES COMMITTEE CHARTER", which was distributed at the meeting is enclosed. Attention isinvited to the involvement of the Societies by this charter. A draft budget is based on a proposed figure of IO K.

It is expected that a proposed article announcing the creation of the PACE Divisional Activities Committee will be submitted at a future date for publication in SSIT Technology and Society Magazine.

cc:

Respectfully submitted,

J. Malvern Benjamin 5446 Wayne Ave., Philadelphia, PA 19144 (with enclosures).

Vernon E. (Veg) Gardner, PACE Chairman for SSIT

(1703) 533**–**0999

1E3 is now doing much better. He thinks we will move be able to live with it, even through the move to viscataway. Jong the Harch discussion about the effects of CD Rome on information trouper - Howard - will congaringe a session at Boston ELECTRO Conferences. Benjamin reported on LA & St Lawrence (appended) Unitive Specter asked what she should be as chair of Conf. 1) of contact our chapters for info 1) IE3 staff that pass in chy of conference. Estab. 2) liaron with 1 for info abt that we could corepose 3) Contact Howard re CD Rom session Membership fenjamin suggested the brooking be printed in # T & S to members urged to Kerox & distribute it. 12 Lubell: Mtl from Earl Burkley who wants to become petition candidate for 1E3 Pres. Circulated petition for any of us to sign.

DIVISION/SOCIETY MEETING

Under the direction of the Divisional Professional Activities Ad Hoc Task Force, an orientation session was held for newly appointed Society PACE Chairmen. PACE Chairmen from the following Societies attended:

- Antennas and Propagation
- Communications
- Computer
- Engineering in Medicine and Biology
- Engineering Management
- Geoscience and Remote Sensing
- Industry Applications
- Lasers and Electro-Optics
- Magnetics
- Microwave Theory and Techniques
- Power Engineering
- Professional Communication
- Social Implications of Technology
- Ultrasonics, Ferroelectrics, and Frequency Control
- Vehicular Technology

Also in attendance were Divisional PACE Coordinators from Divisions II, III, V, VI, VII, and IX, a member of the Division III PACE Committee, the Chairman of the PACE Information Committee, the Chairman of the Employment Assistance Committee, the USAB Technology Activities Council Editor for IMPACT and Professional Perspective, the PACE Chairman of the PES San Francisco Chapter, the Chairman of the USAB Government Activities Council, and the 1988 IEEE President-Elect.

Following introductions and dinner, Robert Noberini, Chairman of the PACE Divisional Professional Activities Ad Hoc Task Force, gave an overview of the task force's formation, mission, and projected programs for the future. The task force will move to have its charter approved by the end of the year and thereby become a standing committee of the PACE Council. The Societies and Divisions will then have a central coordinating unit to help focus on professional activities programs for their Chapters.

Chairman Noberini then gave some examples of successful professional activities programs he had organized in the Power Engineering Society and encouraged those in attendance to consider trying something similar. At this point, numerous objections were raised by individuals who alluded to the difficulty of applying these suggestions within their Societies, primarily due to their small size. Discussion continued among attendees who had served on Technical Activities Board committees and on TAB itself about conflicts arising from trying to promote professional activities within the Societies.

Chairman Noberini challenged each participant to identify just one issue of significance in his Society and proceed to develop a project around that issue. He urged everyone to utilize the resources of the PACE Council and the IEEE-USA Office in Washington DC in support of their efforts.

(cont.)

Excerpts from the

Report of the 1988

National PACE Workshop

held over the Labor Day

week end in Phoenix, AZ

James Strother, PACE Chairman for the Power Engineering Society, then gave an overview of the PACE Leaders' Handbook and encouraged the attendees to promote the appointment of PACE Chairmen in the Chapters of each Society and help them become members of their Section PACE Committees.

William Whipkey, a member of the Communications Society's PACE Committee, reviewed the Careers - Phase II Workshop and urged attendees to promote the workshops as excellent Chapter programs.

Chairman Noberini reviewed the results of the USAB Member Opinion Survey and stressed the fact that one of the top three concerns of respondents to the survey was U.S. technology policy and its importance to engineers.

Charles Rubenstein, Division V PACE Coordinator, gave an introduction to Student Professional Awareness Conferences (S-PACs) as another example of a successful professional activity. He stressed the fact that the students will one day graduate to become IEEE members and leaders within the profession and IEEE. So it is absolutely essential that an effort be made to promote S-PACs.

PROFESSIONAL ACTIVITIES COUNCIL FOR ENGINEERS

PACE DIVISIONAL ACTIVITIES COMMITTEE

CHARTER

Section 1 - General

The PACE Divisional Activities Committee is a committee of the Professional Activities Council for Engineers (PACE Council) of the United States Activities Board (USAB) of The Institute of Electrical and Electronics Engineers, Inc. (IEEE). As such, it reports through the Chairman of the PACE Council to the United States Activities Board.

Section 2 - Objectives and Scope

The objective of the PACE Divisional Activities Committee (PACE/DAC) is to facilitate the promotion of professional activities at the member level by fostering, nurturing, and coordinating Society and Division professional programs, developing and implementing PACE leadership training, assisting the PACE Workshop Committee, interfacing with the PACE Regional Activities Committee and the PACE Information Committee on Chapter programs, and serving as a forum for communicating member professional concerns to USAB.

Section 3 - Functions

The functions of the PACE Divisional Activities Committee include, but are not limited to:

- 3.1 Provide individual and group training to new Division and Society PACE leaders.
- 3.2 Organize, maintain, and promulgate an inventory of successful Division and Society PACE programs and projects.
- 3.3 Establish and maintain a Division/Society PACE speakers' bureau.
- 3.4 Evaluate and recommend any changes in the system of authorizing funding for Division and Society PACE activities and reporting on them.
- 3.5 Participate in the planning of the annual National PACE Conference and Workshop.
- 3.6. Develop a network for Society PACE response to and action on critical USAB issues, in coordination with the Technology Activities Council.
- 3.7 Assist appropriate USAB committees to encourage executive and legislative actions on issues benefiting the engineer, engineering, and society at the local, state, and federal levels.

- 3.8 Encourage each Society to establish a Society Professional Activities Committee (PACE) as a standing committee of the Society Administrative Committee.
- 3.9 Request each Society to promote professional activities within its Chapters in the Sections by encouraging the Chapters to appoint Chapter Professional Activities Committee (PACE) Chairmen, who will represent the Chapters on Section PACE Committees.
- 3.10 Encourage each Society to include sessions on professional topics at each conference of the Society.
- 3.11 Encourage each Society to include professional topics in Society publications.
- 3.12 Encourage each Society to promote public awareness through publication of position papers, information papers, entity position statements, and other publications.

Section 4 - Organization

The PACE Divisional Activities Committee shall consist of the ten Divisional PACE Coordinators, as appointed by the ten Divisional Directors, with the approval of the Chairman of the United States Activities Board.

- 4.1 The Chairman of the PACE Divisional Activities Committee shall be appointed by the Chairman of the United States Activities Board, taking into account the recommendation of the Chairman of the PACE Council.
- 4.2 The Chairman of the PACE Divisional Activities Committee shall select a Vice Chairman from the membership of the committee, with the concurrence of the Chairman of the PACE Council.
- 4.3 The members of the PACE Divisional Activities Committee shall serve for a term concurrent with their terms as Divisional PACE Coordinators.
- 4.4 Each Divisional PACE Coordinator shall be the chairman of a subcommittee consisting of the Society Professional Activities Committee Chairmen represented in the Division.
- 4.5 Additional subcommittees may be appointed to accomplish specific assignments, under the direction of the PACE Divisional Activities Committee.

 The chairman of a subcommittee shall be a member of the PACE Divisional Activities Committee. The membership of subcommittees may include qualified persons who are not members of the Committee, appointed with the concurrence of the Chairman of the PACE Council.

Section 5 - Financial and Administrative Support

The PACE Divisional Activities Committee shall obtain its financial and administrative support through the PACE Council via the normal USAB budgetary and support processes, and from the Societies, as appropriate.

Section 6 - Changes in this Charter

Changes in this Charter must be approved by the Chairman of the PACE Council and by the United States Activities Board.

MEMO: 4 December 1988 1 Jan 1989 1 Jan 1989

TO: Troy Nagle; IEEE Director, Division VIII

FROM: Charles Rubenstein; PACE Coordinator, Division V

and SSIT Adcom Member-at-large

Jar. A. was

RE: SSIT PACE Project

CC: Tony Robbi: President, SSIT

DISTRIBUTE to SSIT Adcom at 10 December Meeting

Bill Jarzembski; PACE Coordinator, Division VI

Ann Hartfiel; Washington Office

I want to thank you for approving the PACE funding request for \$1000 to pay for an over-run of 1000 copies of the September 1988 issue of the SSIT's Technology & Society Magazine covering Patents and Intellectual Property.

As I discussed with Ann and Tony last week, it is my intent to prepare a short 1-2 paragraph piece on Patents, Copyrights, and Intellectual Property for Professional Prospectives AFTER these issues are received at the Washington Office. The piece will basically indicate that PACE facilitators interested in the topic should request a copy, and "How-to-use-It" sheet, from the Washington Office. This how-to sheet would indicate PACE sources for more information (i.e., the Intellectual Property Committee), other PACE/USAB materials available, and the cost of copies of the magazine for distribution at Saction/Chapter/Conference meetings. A one-pager on and about the SBIT would also be anclosed, as well as a piece on S-PAC speakers on the topic.

A fullar description on how to use and a review of what's inside the issue would be prepared for IMPACT with the same package available upon request. Ann feels that in addition to sending the packet to Regional and Divisional PACE facilitators, having it available at PACE Workshops, and gething copies to the Intellectual Property Committee; only a dozen or so inquiries would be expected through Prospectives and Impact.

Tony and I agree that it will be prudent to await the publication of the issue such that it may be more effectively incorporated into "advertising" it as noted above. Unfortunately this means the articles would not appear until at the earliest probably April or June. It is also unfortunate that the fund approval is too late to include an "Ad" about USAB/PACE in the September issue. Tony does indicate that a suitable "Ad" could appear in the next issue of the T&S.

Again, thank you for your efforts which will make this issue available for use by PACE facilitators in their discussions on intellectual property rights.

mention or triber of the mention

Balabourn reported: Apter arrote that he had been in truch with HQ regarding \$1000 to he mod react them that had not been peoplely recorded Report attached from Sardner

V hell: CCIP Gomm. Communicativa, Information Policy

Meeta in Wash. Corrected with industrial productivity,

computer security, high definition TV.) Formulates positions for IE3 on # Balabanian suggeste may be source of good articles for ToS. Bil Brooks : report attached (boiled down) Al Wald: Amer. Engineer for Social Res. has been formedy based in Wash DC. Al will ask for more info. for # 1500 them O sepolarle (reported by Baldonian): Wante us to better function on radiation. Brook and Whell will study the situation and report at next mity. 8): Aunde - Borne: Erie Brenner (member of 5517) now in Nieargea would like to involve SSIT. in Suggest we send him some T & S mage, and that he write an article for T &S. USAB usuld like suggestion for awards. As wards comm. has several suggestions to respond to. Publications - Ralow March issue should be at in mail in early May. Jun user material is almost complete. The next special issue may be off schedule (Ope' 89 Comminications in 3rd World Countries). Leon Zelley of Vof Otela. is willing to take over for Welchel Moho is resigning. The Balabanian will approve Zelbry. Rabone has not heard from Roger Stern. Rabon sus or point in pursuing him. Bogunil feels that the

INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS SOCIETY ON SOCIAL IMPLICATIONS OF TECHNOLOGY CHAPTERS COMMITTEE

6624 Kirby Court, Falls Church, VA 22043
Dec. 10, 1988

Dr. Anthony D. Robbi, President, SSIT, RD 1, Box 143, Hopewell, NJ 08525

Subject: Report of the SSIT Chapters Committee.

- 1. On-Sept. 22, 1988 a letter was sent to Frank Farinella, IEEE Society Chapters Coordinator, requesting the names of the current chairmen of the SSIT Chapters. No reply has been received to date.
- 2. As for activities of the SSIT Chapters since the Sept. 10, 1988 AdCom meeting, the Chapter activities which have come to my attention are as follows:
 - a. Letters have been sent to the following Sections encouraging the establishment of SSIT Chapters:

Philadelphia
Pittsburgh (Now inactive)
Cleveland
Toronto

- b. In view of its impressive activities to date the Boston Chapter has been requested to submit an article for publication in the SSIT Technology and Society Magazine.
- c. I have had an exchange of information with Dr. C. M. Chantal Toporow of the Los Angeles Chapter regarding "A Delicate Balance: Technics, Culture, and Consequences" scheduled for Oct. 20-21, 1989.
 - d. The Northern Virginia/Baltimore/Washington Chapter:
 On Oct. 18 Admiral Elmo Zumwalt spoke to a capacity
 group on "Being Responsible for Your Decisions as a
 Manager". The meeting was co-sponsored by the local
 Chapters to the Engineering Management Society and
 the Professional Communications Society. The meeting
 was video taped.

On Dec. 8 Dr. Edward C. Bertnolli, IEEE Vice President for Professional Activities and Chairman, U.S. Activities Board, spoke on "Why IEEE-USA?". This meeting was co-sponsored by the Washington Section, Northern Virginia Section and the local Chapter of the Engineering Management Society.

cd; J. Malvern Benjamin and Michael J. Whitelaw Respectfully submitted,

Termon E. (Veg) Gardner,

Chairman, Chapters Committee.

3/11/89 Mayor 4 TAB open will find up to 4 afficers for each society for "Comprail". H. a. in moring put to Precataway except Kactions Ed Loand cut from 54 to 14 Membership Development & Stadent services Grum. bas list of mage they may circulate. It was circulated for us to add any we wish. Stortards coordinating comm. He invites us to appoint member to Battey Stondards comm. They will provide unaudited year end statements by 1/31 of following year! Specter has been discussing with the Canadrane, asperate in producing a special risine on discrement. N.C. fraction Norman H. Jacobson is including to help edit. She would like to move absolveth him. The This properties a discussion about balance in selection of material. It was agreed that Balabanian would write Jacobson asking for his views. Steve U will also contact athers win storming he herome. called special mity of ettines concerned people Unger: Ilbedmitte Pres. E. Pen who expressed trong concern about Ettines. O isensed should gode of ethics le remitten? Unger « Oum proposal, Frank B of D arrendment, and many other similar issues. Member Enduct Enm should do more. No action expected directly from mtg. Boquind: Brought in an enouse number of T and S to be distributed.