



## NEWS SUMMARY

### DUES INCREASES ANNOUNCED

The IEEE Board of Directors has approved an increase in basic membership dues of eight dollars to \$43, and a two dollar increase to \$12 in the U.S. regional assessment, specifically assigned to cover the cost of participation in the American Association of Engineering Societies and the Accreditation Board of Engineering and Technology.

Student dues will change from \$10 to \$12, and dues for students transferring to higher grade membership will be uniformly changed to \$22 plus applicable regional assessments in the first year after graduation, with full dues payable the second year.

These actions were taken by the Board at its August 24th meeting. At its meeting in May, the Board approved a seven dollar increase in the assessment for members in Region 8 which consists of Europe, Africa and the Near East. (That portion of Africa transferred into Region 8 in 1980 will be exempt from this assessment in 1981.)

This is the first general dues increase since 1976, when a five dollar increase in both basic and U.S. regional assessment was implemented. The new fees are effective with the 1981 dues billing.

The proposed \$19.5 million 1981 General Fund budget, which is exclusive of technical society funds, currently shows a deficit of \$250,000, although additional budget reviews will likely result in a balanced budget. The target for the 1980 budget deficit, earlier planned at \$1.26 million, has been reduced to \$750,000.

### TWO DOLLAR INCREASE IN ASSESSMENT FOR U.S. MEMBERS TO SUPPORT IMPORTANT AAES,

As part of the dues increase and other changes noted in the above item, U.S. members will pay \$2.00 which will be assigned to a reserve account to fund the costs of IEEE participation in the American Association of Engineering Societies (AAES) and the Accreditation Board of Engineering and Technology. Funding for such activities had come previously from the General Fund. However, since AAES and ABET specifically serve U.S. members, the Board of Directors voted to limit the costs to this member group.

The AAES, formed in 1979 as an umbrella organization, now contains some 40 societies including a number of members of the former Engineers Joint Council. The AAES will focus the resources of the engineering societies on the technological issues of national and international importance.

The AAES very much reflects the objectives and concerns of the member societies which represent one million U.S. engineers, and can bring a much larger and effective voice before the public and the government decision makers.

Major activities are in the area of education (both public and engineer-oriented); engineering affairs (professional practice); public affairs (legislative and societal issues); and international affairs. The AAES focuses on programs which are of broad interest to the member societies, especially those in which an individual society could not achieve desired results

on its own. Development of reports, literature and conferences are an important part of the AAES effort. A national engineering award is also made by AAES.

In 1980, the IEEE is being represented in AAES affairs by our delegates to its major councils: Dr. Benjamin Leon, (EAB Vice President), Education Affairs Council; Dr. Richard Gowen (Professional Activities Vice President), Public Affairs and Engineering Councils; and Larry Wilson (RAB Vice President), International Affairs Council. Also, Dr. Bruno Weinschel, IEEE Secretary, was elected by AAES Board of Governors to serve as Chairman of the Engineering Affairs Council.

ABET, formerly the Engineers Council for Professional Development, is the independent agency which accredits engineering curriculum and schools of engineering in the U.S. The IEEE has a major role as ABET's accrediting arm for programs in electrical engineering and computer sciences.

Participation costs for AAES and ABET are based primarily on an assessment-per-member of the participating societies, the same basis for determining voting privileges. While the assessment for 1981 has not been finalized, IEEE costs, including administrative costs, are projected at approximately \$270 000.

Joseph Codispoti  
212-644-7866

## RAB NEWS

### WELCOME NEW CHAPTERS

- The following new chapters have recently been formed:
- July 17— The Circuits and Systems/Electron Devices Chapter of the Switzerland Section.
  - August 1— The Acoustics, Speech and Signal Processing Chapter of the Washington Section.
  - August 8— The Sonics and Ultrasonics Group Chapter of the Santa Clara Valley Section.
  - August 25— The Electron Devices Chapter of the Orlando Section.
  - September 12— The Engineering Management Chapter of the Santa Clara Valley Section.
  - September 15— The Electron Devices Chapter of the Chicago Section.
  - September 27— The Industry Applications Chapter of the All-India Council.

Pat Lech  
201-981-0060

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## CALL FOR NOMINATIONS

### BOARDS AND COMMITTEES

Please assist the Nominations and Appointments Committee in its formidable task by submitting nominations of candidates for appointment to 1982 Standing Committees and Boards. It is the responsibility of leadership to ensure that those who serve on committees and boards possess the necessary qualifications to contribute to the achievement of committee/board objectives.

Guidelines and Nomination forms are available upon request to the Staff Secretary. April 1, 1981 is the deadline for receiving your nominations for the following 1982 Standing Committees and Boards:

- Admission and Advancement Committee
- Awards Board
- Credentials Committee
- Educational Activities Board
- Fellow Committee
- IEEE Employee Committee
- Individual Benefits and Services Committee
- Investment Committee
- Life Member Fund Committee
- Long Range Planning Committee
- Member Conduct Committee
- Nominations and Appointments Committee
- Publications Board
- Tellers Committee
- United States Activities Board

Emily Sirjane  
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### FELLOW GRADE

We encourage your participation in the nomination of Fellows. Elevation to Fellow Grade represents attainment of one of the highest honors in the electrical/electronics engineering field and your participation in the nomination process is a great service to your colleagues and to your profession. You are encouraged to submit the nominations of candidates qualified for this recognition, and suggest to your IEEE colleagues that they do likewise.

Please use the enclosed insert to obtain your New Fellow nomination kits. The kits include detailed guidelines to assist the nominator in the effective and proper preparation of the nomination form.

Dolores Wright-Riker  
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### 1981 ALFRED NOBLE INTERSOCIETY PRIZE

Now is the time to start giving consideration to a nomination for the 1981 Alfred Noble Intersociety Prize. This award is presented for a technical paper of exceptional merit. The paper must be issued in any IEEE publication during the 1980 calendar year by a single IEEE author under 31 years of age. The deadline for nomination submissions is December 31, 1980.

Una Lennon  
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## STANDARDS NEWS

### DEPARTMENT OF COMMERCE STANDARDS GUIDELINES UNDER FIRE BY IEEE ET AL

If you're not familiar with the Department of Commerce rules for implementing OMB Circular A-119 which establishes policy guidelines for participation of government employees in voluntary standards development you might want to be. The purpose of A-119 is to encourage government employees to participate in standards development without implying government adoption of the standards. However, the standards writing organization would have to be in compliance with the DOC "listing requirements".

As currently drafted these requirements would greatly inhibit and interfere with the normal and lawful process of voluntary standards development as we know it. The listing requirements are easily applied to organizations whose primary function is standards development. However, in cases such as the IEEE, and trade associations and others in which standards development is only one of many functions, these requirements would affect virtually every facet of the organization, technical, educational, publications, and committees and task forces.

We do not believe it was the intent of the drafters of circular A-119 to create such a situation, but if these are adopted it would certainly drive away a good number of our government members and could place our entire standards activity in jeopardy.

If you want to learn more about this situation, and hopefully make your position known, I'll be pleased to send you a transcript of my testimony of August 27th before the DOC hearing on this matter.

Siva Sherr  
212-644-7966

## TAB NEWS

### SOCIETY/COUNCIL PRESIDENTS TO LOOK AT IMPROVING ENTITY MANAGEMENT

While Society and Council Presidents do meet regularly as part of their TAB responsibilities, they will gather for the first time as an ad hoc forum, unencumbered from TAB agendas, to discuss techniques for enhancing the management of their own Societies and AdComs. The meeting will be held December 3, the day preceding the TAB meeting in Lake Buena Vista, Florida. Among other items, Dr. Thaddeus Regulinski, President of the Reliability Society will present some recommendations on training of Society officers. Your suggestions for this meeting are welcome.

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## USAB NEWS

### USAB HOLDS WORKSHOP TO REVIEW PROGRAM

Members of USAB, task force leaders, IEEE Directors and other leaders with a strong interest in professional activities met for three days in July to get a firm hold on the USAB program and through this inspection set forth some directions for the near future. Called by USAB Chairmen, Dr. Richard Gowen, the program led off with overviews by Russ Drew, Chairman of the 1980 Task Force on U.S. Technology Policy, and Richard Backe, Vice Chairman of USAB, on methods for developing an effective presence on Capitol Hill. From the plenary session, four major topics evolved, which were developed in workshop groups which presented recommendations to USAB.

The areas discussed were: the procedures for 1981 program development, prior to January, 1981; how should USAB further government and legislative affairs such as the U.S. Technology Plan; should IEEE develop a political action fund; and what could be done to provide effective programs for such member needs as compensation benefits and manpower.

### MIDCON PROGRAM INCLUDES PROFESSIONAL SESSION ON OPPORTUNITIES FOR WOMEN

An important first will take place for Midcon (Dallas Convention Center, November 4-6) when a session on the professional opportunities for women in engineering takes place as part of the official program. In the past, such sessions have been held on occasion on an informal basis. Five papers will be presented covering such topics as "Career Opportunities in the Semiconductor Industry," "Upward Mobility for the Engineering Educator" and "Personal Public Relations." The session is scheduled for Wednesday, November 5 from 4-6:00 p.m. in the Parquet Ballroom C.

### USAB/TAB CALL FOR TECHNOLOGY POLICY SEMINARS FOR 1981, 1982 CONFERENCE

In lieu of a conference on U.S. Technology Policy in 1981, as has been conducted for four years, USAB and TAB will conduct a series of seminars and related activities for Congressional and Executive branch leadership in order to gain understanding and support for IEEE position on professional and technical matters.

The USAB/TAB activity, recommended by a joint committee, would include the development during 1981 of a proposed "U.S. Technology Policy."

Activities planned in this area for 1981 could serve to set the theme for the 1982 Conference on Technology Policy which is now being planned as part of the USAB/TAB action.

### U.S. MEMBER OPINION SURVEY DRAWS 55.7% RESPONSE, COMPREHENSIVE REPORT BEING READIED

As reported in the October issue of THE INSTITUTE, about 55.7% of the 12,785 U.S. members sampled returned their 1980 U.S. Member Opinion Survey. The results are currently being cross-tabulated, analyzed and reviewed and will be published, as were the 1977 results, in a comprehensive report to be issued in January.

An abbreviated analysis with the quantitative results will be published with the upcoming issue of IMPACT, the newsletter of the USAB Professional Activities Committee.

As part of the incentive to return the questionnaire, a number of General Electric microprocessor-controlled clock radios were offered. The winners, selected by random drawing, were: Robert M. Pipp of Columbia, MD; Vincent J. Cusing, Jr. of Washington, DC; K.L. Zunge of Tucson, AZ; Bobby C. Terry of Fort Worth, TX; and R.B. Krepps of Houston, TX.

Gloria Aukland  
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## HISTORY

### IEEE HISTORY CENTER NOW IN OPERATION

The Center for the History of Electrical Engineering began operations at headquarters on August 11. Under the guidance of the History Committee, the Center has been established to promote and assist all activities related to the history of electrical science and technology, serving engineers, historians and the public.

For IEEE entities, the Center will be both a source of information and support for local history projects and a resource center providing materials for meetings, publications and exhibits. Information regarding history activities (articles, exhibits, entity histories, programs and the like) should be sent to the Center, which will make it available for the benefit of all members.

The Center's archival program is concerned with locating and preserving (primarily in local repositories) collections of documents that may be of value in recording the history of electrical engineering. Assistance will be sought from all IEEE entities in identifying sources of documents (correspondence, lab notes, drawings, proposals, etc.), artifacts, and photographs and bringing them to the Center's attention. The alertness of members will be especially important in the effort to save materials that are in danger of destruction or disposal.

Other activities of the Center include an oral history program, exhibits and the publication of an occasional newsletter. We seek ideas from all members on other ways we can work to preserve and understand our engineering heritage.

Robert Friedel  
212-644-7501

## EE ETC.

• A new IEEE PRESS BOOK entitled *Sensory Aids for the Hearing Impaired* is available. The paperbound member edition of this 576-page compendium of selected reprints on this topic is priced at \$23.45 and is available through the Service Center...

• WESCON drew more than 63,000 registrants at the Anaheim Convention Center which was the first time this was held in this location... as usual, under Frank Timmons' marketing direction, we had a very visible and effective booth, from which we dispensed several hundred membership applications, generated more than \$5,000 worth of publications sales, and signed 75 new members.

• While in Anaheim, we held our second industry luncheon of the year. This program, begun about three years ago brings together leaders in industry and academe in areas of high member concentration to hear from IEEE leaders what our current activities are... part of our public relations program to inform these important publics...



## EAB NEWS

### FIRST IEEE CONTINUING EDUCATION CENTER TO OPEN IN REGION 1, OTHERS TO FOLLOW

November 21 is the date—the Sheraton Regal Motor Inn in Piscataway is the place—for the launching of an all-new IEEE Continuing Education Center in Region 1. Sponsored by Area B, the Center will serve the local needs of a large number of EE's on a wide variety of short courses in EE subjects. Optimism is running high and we'll soon see additional Centers in the other Regions.

The first short course scheduled is a two-day program on Fiber Optics entitled "A Practical Introduction to Lightwave Communication" by Forrest Mims III. Intended for Communication engineers, planners and users of the equipment, the course describes and explores applications, technology and methods of implementation by considering various light sources that can be used.

Please call for complete details on the short course and how this exciting new concept in education might benefit your IEEE Region.

### REBATE ADDS BONUS TO SECTION EDUCATION PROGRAMMING

The Educational Activities Board has instituted an additional incentive to expand participation by our Section leaders in the Institute's Continuing Education programs. Now, in addition to surplus sharing under the EAB Cooperative program and the surplus earned in the Instructor/Notes Plan, the EAB has approved a rebate to the Sections of 50 cents for each Continuing Education Achievement Unit earned in a scheduling of an EAB-approved short course. At the rate of 1.2 CEAU's for a typical two day short course, the incentive potential of \$30.00 exists if 50 registrants participate in the CEAU program. Multiply this by several courses per year and you've earned a tidy sum which can be re-invested in education or other Section activities. But most important, you've delivered low cost, quality continuing education programs to your members and their associates and colleagues.

### ELECTRICAL SAFETY CODE SEMINARS SET FOR THIS FALL

One day seminars on the 1981 edition of the National Electrical Safety Code are scheduled as follows:

October 29	Pittsburgh
October 29	Atlanta
October 30	Chicago
November 11	Dallas/Ft. Worth
November 12	Denver
November 13	Portland

If you are involved with electric power stations, transmission and distribution, grounding methods and communication lines, you'll find the program of great value. The fee is \$140 (\$110 members) which includes lunch and a copy of the code. The seminar was developed by the Standards Department in cooperation with the Educational Activities Board.

Copies of the safety code, ANSI C2-1981, are available from the IEEE Service Center at a single copy member price of \$8.75. Quantity discounts are available.

Vince Giardina  
201-981-0060

## IEEE INVESTMENT OPTIONS

The recent performance of the cash management investment options available to IEEE's organizational units is reported below. All units are urged to examine their available cash for optimum returns.

### Investment Option 1—Short-Term Bank Deposits\*:

June	6.00 %	
July	7.55 %	
August	8.90 %	
Sept.-Nov.	9.30 %	(estimated)

### Investment Option 2—Long-term Bank Deposits (over 6 months):†

June	8.16 %	
July	9.26 %	
August	10.72 %	
Sept.-Nov.	10.75 %	(estimated)

### Investment Option 3—Bond Plant

June	10.25 %	
July	10.00 %	
August	10.55 %	
Sept.-Nov.	10.50 %	(estimated)

\* Percentages refer to amounts actually earned by all depositors in that month.

† Percentages are estimated average return over total period of the investment on funds deposited during the respective months.

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