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NO. 59

A management newsletter on IEEE operations . . . to encourage communication among all organizational entities and the staff

STUDENT ACTIVITIES DEPT.

ELECTRICAL ENGINEERING®

Welcome new readers of Electrical Engineering, who by virtue of elections and appointments join our wide audience. (Old readers, just skip this column and advance directly to the next story.)

This newsletter, known to the inner circle as "E. E.," comes to you bi-monthly. It is intended to provide you with information that, as a leader in IEEE, you should know. This includes information about the Institute, as well as general items of interest to engineers.

Space requirements keep us from telling you everything about the items we publish. If more information is available, we'll tell you where. Unless otherwise identified, all addresses will be documented as either IEEE Headquarters, 345 E. 47th St., New York, N.Y. 10017 or IEEE Service Center, 445 Hoes Lane, Piscataway, New Jersey 08854.

Now that we have you indoctrinated, let's proceed to the next topic.

FALL BOARD OF DIRECTORS (BoD) MEETING to consider in depth important member programs--including several in the technical/scientific, educational and professional area--whose initiation or continuation depends upon a member dues increase. Aside from this issue of program expansion is concern for the Institute's current cash position; construction of the Piscataway Service Center effectively converted a large portion of IEEE's cash assets to real assets, and inflationary and other pressures of the economy have had an overall effect of reducing the ratio of current assets to liabilities to a financially undesirable level.

Included among the new programs being considered are: (1) a start towards establishing an Institute-operated Mid-Career

Academy to provide technical updating; (2) new articles in SPECTRUM would be published on technical application information; (3) IEEE sponsorship of additional Congressional Fellows who bring their technical expertise to key legislative committees; (4) increased emphasis on professionalism through USAB activities headquartered in Washington with a new staff director of Professional Services. Areas to be covered are pensions, manpower, employment and ethics, government relations, surveys. (5) Enhancement of professional activities would include increased activity and participation in public issues such as energy, R&D funding and similar issues of national importance.

General Manager Schulke urges each member to express to the BoD his or her reactions on these crucial issues concerning IEEE's future.

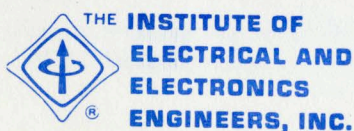
TOP-SIDE DEVELOPMENTS

EXERCISE YOUR OPTION TO VOTE.

Ballots for IEEE's elections will be mailed to you by September 1, listing all nominees for elective offices, in accordance with the Bylaws. Constitution Article XII, Section 4; Bylaw 313.9; Policy Statement 13.1--Use and Control of IEEE Mailing Lists; and Policy Statement 12.3--Electioneering were all detailed in the June issue of E. E., Insert 4A.

Candidates running for ten IEEE offices, including the President and Executive Vice President, will give brief indications of their positions on vital issues in the August issue of Spectrum. Be sure to see who is running, where they stand and above all, vote.

PARTISAN ELECTIONEERING under the auspices of any IEEE entity is not permitted.



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Janet Kotel, Editor

IEEE units are requested to refrain from activities such as the publication of brochures or the holding of meetings for this purpose and no funds of any IEEE organizational units may be used in support of such activities.

The use of funds of any IEEE entity for electioneering purposes for any office, including both IEEE offices and municipal, county, state or federal offices, is prohibited.

Nonpartisan electioneering activities which provide information to members on issues facing the IEEE are permitted. For example, the editor of any IEEE publication is not prohibited from accepting the following, so long as the usual standards of accuracy, space limitation and quality are maintained:

- A. Statements by those candidates for IEEE offices whose names will be printed on the ballots in accordance with the Constitution and Bylaws, giving their programs and views on issues facing the IEEE, provided that all such candidates for a given office are given equal opportunity to present their views.
- B. Letters to the Editor stating an intention to seek candidacy for a given position with reasons.

PROFESSIONAL NEEDS OF ENGINEERING STATEMENT passed by ExecCom. Proposals will develop a course of action that IEEE will actively and demonstrably pursue. (See Sept. issue of PROFESSIONAL NEWS.)

EXECUTIVE COMMITTEE (ExecCom) approved, at its June meeting, the Educational Activities Board (EAB) proposal to the National Science Foundation (NSF) for funding of the IEEE Validation of Educational Achievement Program. The EAB has authorized Dr. Roy H. Mattson to seek funding from the NSF to implement a pilot program in two Regions of IEEE in order to develop the Program and to evaluate its impact and effectiveness.

EXPANDED PUBLIC RELATIONS PROGRAM also approved by the ExecCom.

E.E. is sent without cost beyond dues to officers of IEEE Boards, Committees; Divisions, Societies, Groups, Conferences; Regions, Councils, Sections, Subsections, Chapters, and Branches. Second-class postage is paid at Piscataway, N. J.

The following additional Public Relations program is projected for the balance of 1975; a.) Special press conference support at Summer Power Meeting concerning opposition of IEEE Board to the "California Initiative" which would ban future construction of nuclear power plants in California. b.) Special press conferences or luncheons plus news releases on three major IEEE journal articles or IEEE Group/Society meetings.

PENSION ACTIVITIES UNDERWAY. Since IEEE may not have its own IRA or Keogh plan this year, recommendations will be sent to all members to use intra-state plans offered by local banks now, so that they do not lose out on 1975. These can later be converted into the IEEE or PTP plan on a tax-free basis. (See Sept. PROFESSIONAL NEWS and SPECTRUM.)

PROGRAM FOR MORE AWARDS FOR young engineers under 30 years of age approved by ExecCom. This recognition will be achieved through the Sections and Group/Societies formally recognizing outstanding technical achievement, service to IEEE and service to the community in a professional sense.

LONG RANGE PLANNING COMMITTEE final report to be mailed about two months prior to the December Board of Directors (BoD) meeting. A two-hour discussion on the report will be scheduled for that meeting, but decisions will have to be put off until 1976.

ASSOCIATION FOR COOPERATION in Engineering (ACE) to hold first Annual Meeting August 6 and 7, at the Hyatt Regency O'Hare Hotel, Chicago. Featured luncheon speaker on the 6th will be Dr. Edward E. David, Jr., former Science Advisor to the President, and currently Executive Vice President of Gould, Inc., who will address ACE on "The National Science and Engineering Policy."

"The Eight Surprises" will be the topic of Professor John McKetta of the University

of Texas following the reception and dinner. Topic sessions planned for the two-day meeting will include: the Washington scene, and legal exposure of the societies. ACE will have a joint session on "Science, Engineering and Technology Policy" with the Committee of Scientific Society Presidents (CSSP) on the morning of August 7. To be presented also is a report on the recently held Manpower Conference at Henniker, N.H.

COMMUNICATIONS TECHNIQUES Delegation from the People's Republic of China honored at IEEE Communications Seminar, followed by a reception and dinner, July 7, at the Waldorf Astoria Hotel in New York City. Speakers included Dr. Robert Cotellessa (third from left), Vice President-Technical Activities, and Amos Joel, Jr., President, IEEE Communications Society (second from right). Also pictured at the meeting were IEEE Senior Past President, Dr. Harold Chestnut, Liang Tsien, Head of the People's Republic of China delegation (both seated) and the deputy heads Yao Yung-yang and Min Shih-chuan.



PRODS AND OPPORTUNITIES

CONVERSION TO CENTREX TELEPHONE system announced by IEEE Headquarters in New York City. Each extension now has its own telephone number. See Insert 41 for a directory of Centrex numbers. To reach those people located in the IEEE

Service Center in Piscataway, New Jersey, still dial: 201-981-0060. To reach Professional Services/Washington Office, still dial: 202-785-0017.

RAB NEWS

LARGE SECTION WORKSHOP held June 23, 24 in New York. Participants represented the 9 largest Sections and Councils (each unit of which services in excess of 4,000). Chairmen, Officers, key volunteers and staff participated in sessions aimed at assisting in the management of the large Units which have different administrative and communication problems from the standard size Units.



Those attending the meeting included (from left to right) Don Broderick, Chairman, Los Angeles Council; Joseph Dillard, IEEE Executive Vice President; Robert Cotellessa, IEEE Vice President-Technical Activities; and Robert McMillan, North Jersey Section Chairman.

STUDENT NEWS

HAMS GET SET. The North American IEEE Student HAM Net will resume operation September 8, 1975 on the 20 and 80 meter bands. The Net will operate every Monday from September 1975 through May 1976 as follows: 20 meter: 14,325±5 KHz for one hour starting at 3:00 p.m. CT (U.S.); 80 meter: 3,985±5 KHz for one hour starting

at 9:00 p.m. CT (U.S.). Greenwich (Z) times will shift one hour to accommodate U.S. daylight time which is in effect until October 25th and returns February 29th. During the daylight time period the Z times shift from 2100 Z hours Monday (20m) and 0300 Z hours Tuesday (80m) to 2000 Z hours Monday (20m) and 0200 Z hours Tuesday (80m). Let's get together this year...every Monday, beginning September 8, 1975.

NEW HAM DIRECTORY now available to anyone interested in participating in the Net or in contacting other IEEE Student members or Branches around the world. The Directory lists nearly 300 hams. (For your copy: Write Bob Asdal at HQ.)

\$500 FUNDING AVAILABLE. Counselors and Student Branch Chairmen note: entries for 1975 Vincent Bendix Awards are due in IEEE HQ postmarked no later than November 15. Six-page proposals may be for projects of either a technical or non-technical nature but must be imaginative, likely to strengthen a student's professional development, and also contribute to the development of the Student Branch's program. Details on format, criteria, and eligibility are on the Bendix poster, included in the fall promotional mailing package sent to all Branches. (More info: contact Bob Asdal, HQ.)

STUDENT NEWSLETTER seeks articles. Published in October, December, February, and April during the academic year, the IEEE Student Newsletter is always in search of contributions for articles or news items. The Newsletter is distributed to all Student members as a part of their IEEE membership. Send "all the news that's fit to print" to the Editor, Bob Asdal, IEEE HQ.

PROMOTIONAL PACKAGES are on their way this month to all Student Branches so that membership campaigns can get off to an early start. Keep an eye out for this package, review its contents, and let the Student Services Department know if you have any other special needs as soon as possible. Counselors: Make sure your Branch Officers receive this material and work out the details of a concentrated

campaign to promote IEEE Membership when school resumes. Reading the Branch Operations Guide, Membership Benefits Brochure, Student Membership Brochure, and Periodicals Brochure will turn any membership promoter novice into an expert.

THE HAPPIEST NEW MEMBER is one who gets his application in early. Send applications to IEEE Service Center, Atten: Member Service Unit, 445 Hoes Lane, Piscataway, N.J. 08854. New members whose applications are received in early September can receive up to three extra months of service at no extra cost.

For additional student applications contact Student Service Dept., IEEE HQ.

CONVENTION NEWS

WESCON, slated for September 16-19, 1975 in Brooks Hall and Civic Auditorium, San Francisco, is less than one month away. A complete technical session schedule has been printed on page 4E. It is reported that all of the available floor space for exhibitors has been sold.

The exhibit will be open each day, Tuesday through Friday, at 9:30 a.m. The show will close at 5 p.m. on Tuesday and Thursday (Sept. 16 and 18), at 9 p.m. on Wednesday, and at 4 p.m. on Friday.

A special Wednesday night session, will feature "Psychotronics, 1975," a presentation by UCLA researchers on work in Kirlian photography, bio-energy phenomena, and unorthodox therapeutic techniques. (At Wescon in Los Angeles last year, a similar presentation attracted more than 1100 persons.)

Special events to be held at the headquarters hotel, the St. Francis, will include: the Wescon Luncheon on September 16, featuring a keynote address by Daniel A. McMillan, publisher of "Electronics" magazine and the Wescon All-Industry Reception, on the evening of September 16.

PUB NEWS

KEY ABSTRACTS--collected from periodicals and conference proceedings as well as reports, university theses, patents and books--published by IEEE and INSPEC (Institution of Electrical Engineers, IEE,



TECHNICAL ACTIVITIES BOARD

THE NIKOLA TESLA AWARD

THE NIKOLA TESLA AWARD HAS BEEN ESTABLISHED TO RECOGNIZE OUTSTANDING CONTRIBUTORS TO THE FIELD OF GENERATION AND UTILIZATION OF ELECTRIC POWER. THE AWARD WILL CONSIST OF A PLAQUE AND \$1,000. THE FIRST PRESENTATION IS SCHEDULED FOR THE 1976 WINTER MEETING OF THE IEEE POWER ENGINEERING SOCIETY.

THOSE WISHING TO SUBMIT NOMINATIONS MAY OBTAIN THE APPROPRIATE FORMS BY REQUEST TO THE TECHNICAL SERVICES DEPARTMENT AT IEEE HEADQUARTERS OR HAL GOLD (ADDRESS BELOW). FORMS SHOULD BE COMPLETED SO THAT SIGNIFICANCE OF THE CANDIDATE'S ACCOMPLISHMENTS IS APPARENT. TWO SUPPORTING LETTERS ARE ALSO REQUIRED. THESE LETTERS SHOULD BE FROM MEMBERS WHO ARE WELL ACQUAINTED WITH THE RECORD AND CONTRIBUTIONS OF THE CANDIDATE AND SHOULD CONCENTRATE UPON THE QUALIFICATIONS PERTINENT TO THE AWARD. NOMINATIONS, TOGETHER WITH SUPPORTING LETTERS, MUST BE SUBMITTED BY OCTOBER 17, 1975.

NOMINATIONS, OR REQUESTS FOR MORE INFORMATION, SHOULD BE SENT PROMPTLY TO THE CHAIRMAN OF THE AWARDS COMMITTEE:

S.H. GOLD
SOUTHERN CALIF. EDISON CO.
P.O. BOX 800
ROSEMEAD, CA 91770

IEEE COUNCIL ON OCEAN ENGINEERING

THE OCEANOGRAPHY COORDINATING COMMITTEE HAS BEEN CONVERTED TO THE COUNCIL ON OCEAN ENGINEERING. THE COUNCIL WILL PUBLISH A NEW QUARTERLY JOURNAL, STARTING IN 1976. THE COUNCIL WILL OPERATE IN A MANNER SIMILAR TO THE TWO EXISTING COUNCILS, QUANTUM ELECTRONICS AND SOLID STATE CIRCUITS. THE INTERNAL IEEE CODE WILL BE OE-22; THE G/S CODE 22 HAS BEEN VACANT SO LONG, THERE SHOULD BE NO CONFUSION.

MEMBERSHIPS -- ONLY IEEE GROUPS AND SOCIETIES MAY HAVE MEMBERSHIP IN THE COUNCIL; THERE ARE NO INDIVIDUAL MEMBERSHIPS.

PUBLICATIONS -- THE MEMBER GROUPS AND SOCIETIES WILL OFFER THE NEW JOURNAL AS A PUBLICATION OPTION AVAILABLE TO INDIVIDUALS HOLDING MEMBERSHIP IN ANY ONE OF THESE GROUPS AND SOCIETIES. THE JOURNAL IS ALSO AVAILABLE ON A NON-MEMBER SUBSCRIPTION BASIS.

CONFERENCES -- THE COUNCIL WILL ASSUME THE OCC RESPONSIBILITIES FOR SPONSORING AND CO-SPONSORING, TWO SERIES OF CONFERENCES:

ENGINEERING IN THE OCEAN ENVIRONMENT
OCEAN-75 WILL BE HELD IN SAN DIEGO SEPTEMBER 22-24 AND; FOR THE FIRST TIME, WILL BE CO-SPONSORED WITH THE MARINE TECHNOLOGY SOCIETY.

OFFSHORE TECHNOLOGY CONFERENCE
OTC-76 WILL BE HELD IN HOUSTON, MAY 3-6, 1976. THERE ARE EIGHT OTHER CO-SPONSORING SOCIETIES.

AUTHORS WISHING TO PUBLISH PAPERS IN THE FIRST ISSUE OF THE NEW JOURNAL SHOULD SUBMIT MANUSCRIPTS PROMPTLY TO THE EDITOR:

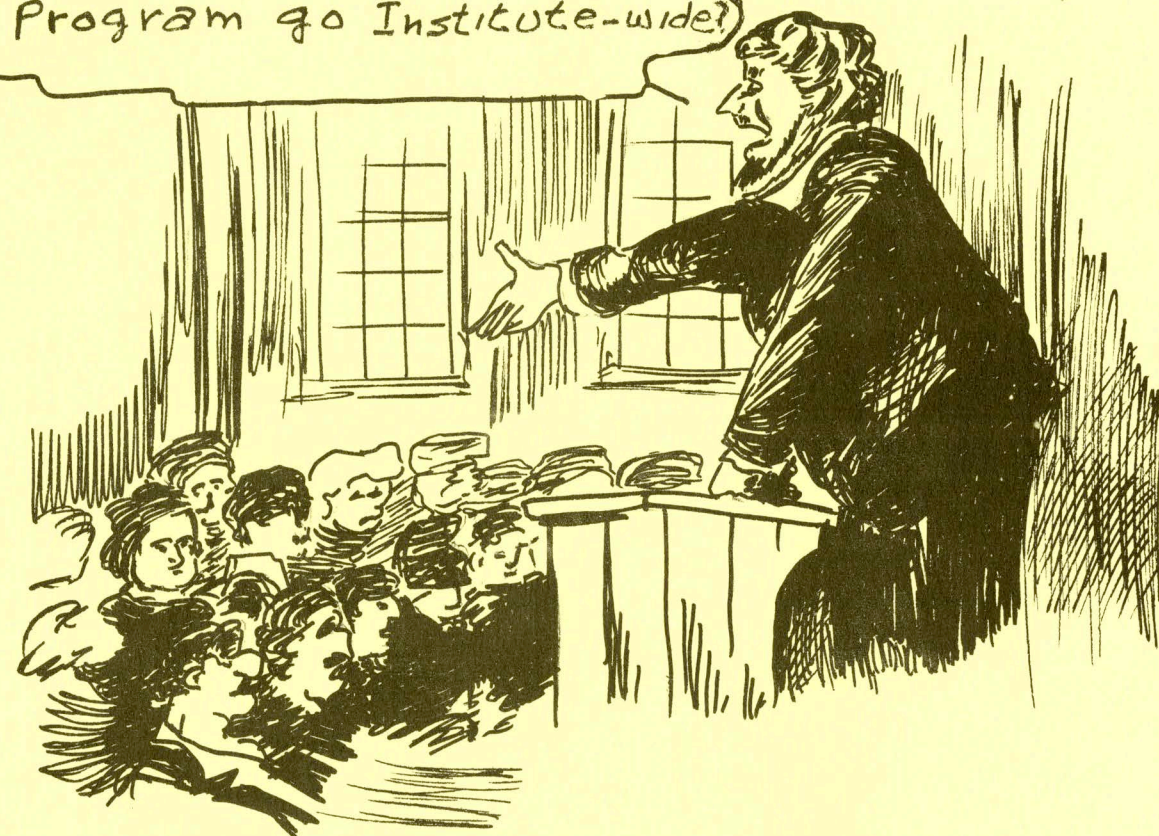
DR. D. M. BOLLE
DIVISION OF ENGINEERING
BROWN UNIVERSITY
PROVIDENCE, RI 02912

THE TECHNICAL SCOPE OF THE JOURNAL WILL BE THE USE OF ELECTRICAL AND ELECTRONICS ENGINEERING IN ADVANCING THE UNDERSTANDING OF ANY FACET OF THE OCEAN ENVIRONMENT AS REPRESENTED BY THEORETICAL AND/OR EXPERIMENTAL PAPERS WHICH DESCRIBE SIGNIFICANT DEVELOPMENTS.

AUTHORS SHOULD FOLLOW THE STANDARD IEEE INSTRUCTIONS WITH RESPECT TO STYLE AND FORMAT, INCLUDING TERMS, ABBREVIATIONS, AND UNITS.

continuing education services

When will your Section
or Group Education
Program go Institute-wide?



Vince Giardina has the answer. Why not contact him at: 201-981-0060, ext. 174

WANTED

EDUCATIONAL ACTIVITIES BOARD (EAB) is actively seeking sources for development of self-study material in order to generate additional educational programs. EAB would appreciate input from the IEEE Units concerning self-study material suitable for Institute programming. Please direct your input to J. M. Kinn/V. J. Giardina, your education contacts at Headquarters. (Kinn: 212-644-7871; Giardina: 201-981-0060, ext. 174)



THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

FOR ADDITIONAL INFORMATION CONTACT VINCENT J. GIARDINA
445 HOES LANE, PISCATAWAY, NEW JERSEY 08854

WESCON/75 PROFESSIONAL PROGRAM SCHEDULE

TIME DATE	Meeting Room 105	Meeting Room 103	Meeting Room 104	Meeting Room 106	Meeting Room 321
TUES. Sept. 16 10 AM	1. Microcomputers-- How to get Started J.A. Titus Tychon	2. Sources of Capital in Difficult Times C. Hoebich Hoebich Venture Mgmt	3. Instrument Inter- facing with IEEE Standard Bus D. C. Loughry Hewlett-Packard	4. Computer Aids for LSI Design and Tooling D. E. Barnes, T. Davis Topanga Data Systems	5. Telephone Private Branch Exchanges (Electronic PBXs) A. R. Meier Telephony
TUES. Sept. 16 1:30 PM	6. Microprocessor/Micro- computer Hardware & Software Support Syst. R. Martinez Navalex Lab Center	7. ESOPs for High- Tech Companies T. A. Skornia Skornia & Rosenblum	8. IC Packaging and Interconnection A. C. Danzig Photocircuits	9. Laser Detection and Ranging Devices (LADAR) S. Adelman Norden Div., UAC	
WED. Sept. 17 10 AM	10. Microprocessor Applications Roy Forsberg EDN	11. Fielding a Winning Sales Team Larry Courtney Courtney/Price	12. Electronic Watches I J. H. Staudte Stattek Corp.	13. Explosion in ATE Test Generation D. P. Allen Fluke Trendar	14. Energy Policy Deci- sions: Opportunities & Uncertainties J. Eidson, H-P
WED. Sept. 17 1:30 PM	15. Microcomputer Design Aids Frank Buurge Regis McKenna Inc.	16. Purchasing: Limits of Responsibility G. A. Ford PMA, No. Calif.	17. Electronic Watches II Sun Lu HPA Division, H-P	18. Synchronous Data Link Control Saroj K. Kar Telecom	SPECIAL: (Larkin Hall) "Psychotronics" Evening Session: 7 P.M.
THURS. Sept. 18 10 AM	19. I ² L and CCD Applications. Jerry Metzger IC Update Master	20. Needs and Trends in Medical Elec- tronics--1975 M. D. Schwartz Cal State Univ., Long Beach	21. High-Speed Printers for Minis and Micros David N. Kaye Electronic Design	22. ATE in Board and Component Mfg. Process S. E. Grossman Faultfinders, Inc.	23. Promoting Women? What's the Problem? Esther H. Williams Lockheed M&S
THURS. Sept. 18 1:30 PM	24. Microprocessors in Medical Instrumenta- tion F. J. Weibell Vets Hosp. Sawtelle	25. Hybrid Micro Clinic on Beam-Leads S. Stuhlberg Hughes	26. Field Programmable Logic Jack Kompan Harris Semiconductor	27. ATE in IC Manu- facturing Process George King Circuits Mfg.	28. How to Succeed in International Business Fred Glynn Marketing Research
FRIDAY Sept. 19 10 AM	29. Present and Future of Sophisticated Pocket Calculators R. Panholzer Naval Postgrad Schl	30. The Engineer and His Profession R. Doxrr	31. Electronic Identifi- cation Systems J. P. Riganati Rockwell Int'l	32. Communications Satellite Systems S.H. Durrani NASA/Goddard	Region 6 Student Papers Competition



NEW EXTENDED UNEMPLOYMENT BENEFITS AND OTHER
ALLOWANCES AVAILABLE UNDER THE TRADE
REFORM ACT OF 1974

A little known federal statute has recently become effective and may provide an opportunity for engineers and others to gain substantially increased and extended benefits while unemployed. The Trade Reform Act of 1974, Public Law 93-618, which was signed into law on January 3, 1975 and became effective 90 days after that, allows the Labor Department in some circumstances to provide "adjustment assistance" to employees losing their jobs as a result of foreign competition.

What is "adjustment assistance"? Under the Act, eligible employees may become entitled to a number of benefits. First, an employee may be entitled to a "trade readjustment allowance" for each week of unemployment. The allowance is 70% of average weekly wage (but not in excess of the national average weekly manufacturing wage) reduced by 50% of whatever the employee earns in that week, and further reduced by any amount of unemployment insurance which he receives or for which he was eligible. The trade readjustment allowance is available for a basic period of 52 weeks, and may be extended by the Secretary of Labor for an additional 26 weeks, so the maximum is 78 weeks.

In addition, the Secretary of Labor is instructed to provide maximum assistance in counseling, testing, placement and supportive services. If the Secretary finds that no suitable employment is available but that it would be available if the employee received appropriate training, the Secretary may approve such training, and if he does he may authorize supplemental assistance to cover the cost of transportation, subsistence and special maintenance when training facilities are not within commuting distance.

And the Secretary may also reimburse an employee for 80% of his job search expenses, up to \$500.

The Secretary may also provide a relocation allowance if he finds that an employee cannot reasonably be expected to find suitable employment where he lives. Again, the "relocation allowance" is 80% of reasonable and necessary relocation expense, up to a maximum of \$500.

Who may apply? Under the statute, any group of three or more employees of the affected business, or their union, or their duly authorized representative, may file a petition with the U. S. Department of Labor. The forms for the petition may be obtained from any Department of Labor office by asking for ILAB Form 20, "Petition for Adjustment Assistance." Assistance in filling out the petition may be obtained by telephoning the Office of Trade Adjustment Assistance, 202-523-6225. And, once the petition is completed, it should be mailed to the U. S. Department of Labor at the address indicated on the back of the form.

How fast will the Labor Department process these applications, and how tough will it be to satisfy the Labor Department as to eligibility? At this point, no one is quite sure. "Adjustment assistance" has been on the books for many years, but it was previously administered under the 1962 Trade Expansion Act by the U. S. Tariff Commission, which took an extremely narrow view of eligibility, and only a very few petitions were granted. Within the last month or so, since the new statute transferred jurisdiction to the Labor Department, many successful petitions have been filed, and the backlog of cases at the Labor Department seems to be building up.

But there is no doubt that adjustment assistance claims are much more promising now than they ever were before.

Where to contact the IEEE and when: As a United States Activities function the IEEE maintains continuous contact with the Department of Labor through:

Leonard B. Farrell
Director of Professional Services
IEEE - USAB Office
2029 K Street, N.W.
Washington, D. C. 20006
Tel.: 202-785-0017

The Office of Trade Adjustment Assistance should be able to answer all questions concerning your petition. However, should you require additional counsel or suggestions please contact IEEE's USAB office direct. As an additional member service, we will expedite processing of your petition directly to the Labor Department. Send your completed petition to the IEEE USAB office at Washington.

London) cover six major areas: Solid State Devices; Electronic Circuits; Systems Theory; Communication Technology, Power Transmission and Distribution; and Industrial Power and Control Systems. Price for six issues, July to December: \$9.50 for members; \$17.50 for non-members. (For each subscription write: the Inspection Order Department, IEEE Service Center, 445 Hoes Lane, Piscataway, N.J. 08854.)

IEEE PUB BOARD calls to the attention of its editors of Transactions, Journals and other IEEE publications that 1976 is the U.S. Bicentennial year. Pub Board encourages them to make note of it in their publications in ways they feel appropriate. If any of these publications do develop plans, they are asked to coordinate them with the Proceedings of the IEEE which is planning a special issue on the history of electrical engineering for September 1976. IEEE Press is also planning a reprint book of papers that made electrical engineering history--sometime in 1976.

THREE NEW BOOKS hot off IEEE Press. (Order from IEEE Service Center Order Dept., 445 Hoes Lane, Piscataway, N.J. 08854.) "Data Communications via Fading Channels" edited by Kenneth Bray of The Mitre Corporation, is a 520-page book, sponsored by the IEEE Communications Society. \$9.00 for paperbound member edition. Clothbound edition: \$13.45 for members; \$17.95 for non-members.

"Frequency Synthesis: Techniques and Applications," is a 184-page clothbound book, edited by Jerzy Gorski-Popiel of M.I.T. Lincoln Laboratory, and sponsored by the IEEE Educational Activities Board. \$8.95, members. (\$11.95, non-members.)

"Literature in Digital Signal Processing: Author and Permuted Titled Index (Revised and Expanded Edition)" is a 216-page book, sponsored by the IEEE Acoustics, Speech, and Signal Processing Group. This bibliography was edited by Howard D. Helms, James F. Kaiser, and Lawrence R. Rabiner, all of Bell Laboratories. \$6.50 for paperbound member edition. Clothbound edition: \$9.70 for members. (\$12.95, non-members.)

SPECTRUM'S AUGUST ISSUE will feature two articles on air traffic control--one by

a veteran of more than 33 years in air traffic control, and the other by a veteran airline pilot. Norman C. Rasmussen, M.I.T., will do an article commenting on the "Rasmussen Report," the Reactor Safety Study (WASH-1400) a 3300-page report which was commissioned by the Nuclear Regulatory Committee, (formerly the Atomic Energy Commission). He will discuss improvements in methodology for future reports, among other things. Also included in the August issue will be the video disk--TV on a silver platter; the results of the salary survey of all U.S. IEEE members; and an article on semiconductor memories.

HONORS

IEEE FELLOW, DR. PETER GOLDMARK, named recipient of National Academy of Television Arts and Sciences 1975 Trustee Award. The Award, which is the Academy's highest honor, was presented Dr. Goldmark, president of Goldmark Communications Corp., for his many outstanding technological contributions to the field of communications.

REMINDER! DUE DATE FOR NOMINATIONS for IEEE Prize Paper Awards, W.R.G. Baker Prize and Browder J. Thompson Memorial Prize--September 15. (Contact Una B. Lennon, HQ.)

MARCONI INTERNATIONAL FELLOWSHIP 1975 will be awarded to a distinguished scientist or engineer: to recognize and honor significant achievements in communications and electronics; and to foster additional research or development related to the achievement being honored. A \$25,000 commission accompanies the Fellowship. Closing date for nominations: November 15, 1975. Address all inquiries to: Marconi International Fellowship Council, Aspen Institute for Humanistic Studies, P. O. Box 3000, Boulder, Colo. 80303, USA.

FOR YOUR INFORMATION

MEMBER EMPLOYMENT DIRECTORY Service has been transferred to the IEEE Washington Office. For further information contact Leonard Farrell, IEEE Washington Office, Suite 603, 2029 K Street N.W., Washington, D. C. 20006.

PROFESSIONAL ACTIVITIES COMMITTEE (PAC) Chairman for 1975 is Joel Snyder. He may be contacted at: 58 Diamond Drive, Plainview, New York 11803. Phone: (516) 433-4555. PAC concerns itself with Section level activities in professionalism and employment.

IEEE CO-SPONSORS WOMEN IN ENGINEERING Conference Proceedings published following first meeting held by College of Engineering at the University of Washington. An all-day event, the Conference was designed to acquaint young women with the field of engineering, give them the opportunity to meet and talk with women engineering students and professionals and to encourage them to consider engineering as a career. The Proceedings provide a record of the event and include a report prepared by the University of Washington's Educational Assessment Center on an evaluation of the conference and a section on procedures and recommendations. IEEE has received 400 of the Proceedings for distribution to all IEEE Sections, to ECPD, and to the National Academy of Engineering for the use of their Minority Committee.

REGIONAL LECTURE PROGRAM discontinued with regret. The Institute, along with many other nonprofit organizations during these troubled economic times, is struggling to maintain a breakeven position. In order to keep expenses in line, the ExecCom has had, unfortunately, to reduce some services, and this program was one of the casualties. All Section Chairmen and Lecturers were previously notified of this decision in early June.

WELCOME ABOARD!

New Sections:

Broward Section. Formerly Subsection of the Miami Section.

Centerfold Inserts:

GREEN	- TAB News	4A-4B
CANARY	- EAB	4C-4D
IVORY	- WESCON Program	4E-4F
BLUE	- Trade Adjustment Assistance	4G-4H

Monterrey Section. Formerly Subsection of the Mexico Section: Territory to include these states in Mexico: Coahila, Nuevo Leon, Tamaulipas.

Los Alamos Section. Formerly Subsection of the Albuquerque Section: Territory to include these counties in New Mexico: Colfax, Harding, Los Alamos, Mora, Rio Arriba, San Miquel, Santa Fe (except the towns of Edgewood and Stanley), Taos, Union.

New Subsections:

Guadalajara Subsection of the Mexico Section: Territory encompasses these states in Mexico: Aguascalientes, Colima, Jalisco.

La Oroya Subsection of the Peru Section: Territory encompasses these departments in Peru: Huancavelica, Junin, Pasco.

New Group/Society Chapters in Sections:

Southeastern Michigan Section: Engineering Management Chapter.

Eastern North Carolina Section: Joint Power Engineering/Industry Applications Chapter.

New York/Long Island/New Jersey Sections: The Joint Electron Devices/Parts, Hybrids & Packaging Chapter.

New Student Branches:

California State University Fullerton, California

University of Akron Technical and Community College, Akron, Ohio

Staff Changes:

Mark J. Olesnicki has been transferred to the position of Supervisor of Inventory Control. He has been with IEEE in the Office Systems Department since July 1973. His new duties include supervision of Shipping, Receiving and Warehouse as well as responsibility for product inventory control and analysis. Mark can be reached at IEEE Service Center, extension 125.