

# ELECTRICAL ENGINEERING®

WE SALUTE EUROCON 71, being held in Switzerland this month (E. E. Dec. '70, p. 7). Its paramount significance to IEEE resides in the list of 27 prestigious European national societies in 11 countries which have thrown in their support of IEEE's Region 8, organizer of the conference.

The first such conference, it is a big one, with a convocation and banquet on the first day, will be followed by 200 papers from 20 countries spread over 4 more days.

Group and Society officers and AdComs in the U. S. can profitably weigh the impact of the independent work being carried on transnationally, as dramatized by Eurocon 71. Some of this trickles into our March Conventions, but never in a flood like this!

## NEEDLES AND PRODS

A SECTION CHAIRMAN'S FALL CHORES. Feed and seed the lawn. Cultivate committees, Subsections, Chapters, college Branches.

GET OUT THE VOTE! Officers and members of all IEEE units can serve the Institute and its democratic processes by getting out the October vote—Against as well as For the Constitutional Amendments.

Do urge use of the mail ballots now in the hands of all Voting Members (grades of Member and higher). Deadline for receipt at IEEE New York is 12 noon, Nov. 1; valid only if member signs on the mailing envelope.

Do advocate study of all the fine print. The IEEE Board of Directors' (BoD's)

recommendation Against happens to be printed last, but should not go unread on that account.

Emphasize this fact: An unexercised vote accrues by forfeiture to the winning side in the balloting.

For information of members in the non-voting grades (who did not receive the "both-sides" explanatory matter), briefly the petition-for-change submitted by Dr. Victor Galindo (E. E. June, p. 2) would 1) make secondary the present primary educational objectives of IEEE; 2) make the Institute's primary purpose the economic well-being of its members in the U. S.; 3) limit to U. S. members the holding of IEEE office and voting on primary-purpose issues. (Copy, Betty Stillman)

IEEE MEMBERS IN NSPE (National Society of Professional Engineers). President-nominee Robert H. Tanner personally commends a recent editorial in The Microwave Journal, the concluding half of which reads:

". . . IEEE has no intention or desire to become a lobbying organization unless forced to through the vote of its membership. However, the National Society of Professional Engineers, through a small lobby in Washington, is equipped to tackle problems that concern all of us. To strengthen their efforts and their organization, the NSPE has made it convenient for IEEE members to join the NSPE. If they could add 160,000 new members to the present roster of 67,000 it would command much greater respect in Washington. Were IEEE members to join in large numbers, with a resultant increase in



effectiveness of the NSPE lobby in Washington, other professional engineering societies would be encouraged to band together with NSPE on behalf of all engineers. The idea makes sense.

"In support of that sense was the presentation given [recently by Ellwood Erickson, Professional Associate of the National Education Association]. Ten years ago the NEA was faced with a problem similar to that faced by the IEEE and its members today. For the beleaguered teaching profession faced the choice of remaining a purely professional society or becoming a tax-paying group seeking political support in Washington through a lobby. They were able to make the choice on their own because of their 1,200,000 members. The decision was in favor of 'political action.' Their dues are substantial enough to support a staff of 65 people working for the NEA in Washington whose sole function is to assemble facts on current legislation affecting their membership, and to supply those facts to Congressmen and Senators as the Bills are being considered. They are an effective lobby.

"The consensus [at a recent IEEE International Microwave Symposium] was that IEEE members by joining the NSPE could benefit themselves greatly. It is for IEEE members to give the matter very serious consideration. The problems and the needs for Science and Technology are not going to dissipate. They will continue to grow both in magnitude and complexity. People in Washington need to have the right information. It is part of our responsibility to see that they get it. But they won't get it if we sit and commiserate with each other over how tough things are. We have to make our wishes known and our expertise available. The only way we can do that is by visibly supporting things we are for and by opposing vigorously things we are against. And we have to do it in such a way that we will be heard in the key places."

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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 New York, N. Y.

THE SNOWBALL GROWS. The American Society of Mechanical Engineers has made an agreement with NSPE similar to IEEE's. (E.E. Aug., p. 3)

#### CHALLENGES AND OPPORTUNITIES

LOOKING AHEAD. October affords a last chance to wrap up plans for 1972, by Societies, Groups, committees, and other units whose officers change on January 1. Sections, Chapters, and other units whose changeover occurred at midyear can attribute the success they are chalking up during the fall upswing to the groundwork they laid in May and June. Three to four months is the minimal headway in this business; and in some cases, like a major conference, a year is not enough.

A FUTURE IN ENGINEERING. "Why plan a career in electrical/electronics when engineers are presently out of work and looking for jobs?" A good question. It has a good answer. Read David DeWitt in August Spectrum, p. 21.

THE VOTE FOR 1972 OFFICERS and Director/Delegates. Statements by the candidates now running on the ballot, regarding IEEE's mission, policies, and performance, were printed in Spectrum, Sept., pp. 52-58. No nomination-by-petition conforming to the Bylaws was received. (See E.E. Aug., p. 2.) The presidential aspirant mentioned failed to obtain a sufficient number of petitioners to run his name against the BofD nominee. Use of the write-in spaces beneath all candidates' names comes under Bylaw 313.10 (E.E. Oct. '69, p. 2; Dec. '69, p. 2). Mailing envelopes containing ballots must be signed by the Voting Member and reach IEEE New York by 12 noon Nov. 1.

Tellers will have the resulting counts ready when BofD and the Assembly meet Nov. 18-19 at Hollywood, Florida. As soon

as BofD has adopted the tellers' reports, a news release will become available. (Copies, Jack Kinn)

Election results are newsworthy. See item headed Hometown Publicity, under Section News, below.

IEEE ELECTED OFFICERS, 1973. On pp. 4E-4F will be found two nomination forms for use in proposing candidates for IEEE President and elected Vice President to be voted upon in 1972 to take office in Jan. '73. Nominees must be Fellows or Senior Members. Other qualifications are stated in the guidelines on the back of each form. These nominations are sought from all organizational units and individual members by the Nominations & Appointments Committee (N&A). Feb. 1, 1972 is deadline. (Extra forms, Emily Sirjane)

#### SOCIO-ECONOMIC ISSUES

PROFESSIONAL WELFARE OF MEMBERS. See new Statement of Policy #29, p. 4C; this takes the place of a deleted first paragraph (p. 4C) of Statement of Policy #23 on Registration of Engineers; the rest of #23 stands.

Policy #29 expresses IEEE's concern for the professional welfare of its members. It lists 4 categories of appropriate activities in which units are encouraged to engage: career development, upgrading skills, legislation-watching, group insurance; also 2 limitations: bargaining, lobbying.

EMPLOYMENT ACTIVITY. Copies of 28-page "IEEE Employment Information" are still available. (Requests, Jack Kinn)

Since this was compiled (E.E. June, p. 20), IEEE members out of work have been beneficiaries of Dr. Mulligan's agreement with other societies' presidents (E.E. Aug., pp. 3-4) to share activity in getting men into jobs. Spectrum, Aug., p. 7, reported that the American Institute of Aeronautics & Astronautics (AIAA) "Vest"

program, in contract with the U. S. Department of Labor (DOL), began functioning June 8. An Aug. 16 AIAA report says engineers, scientists, and technicians are now regularly being placed, at salaries in an \$8,000-\$20,000 range, in Long Island, Dallas, Ft. Worth, Seattle, Wichita. The program, by end of September, was to include 12 areas; typical enrollments, 98-275 per area; job openings located, 13-154 per area.

LAI-D-OFF ENGINEERS, IEEE members among them, are actively functioning as members of 15 study teams (of about 15 men each) under the Joint Engineering Societies/Department of Labor Skills Conversion Project (E.E. Aug., p. 4).

Two pilot teams, Los Angeles and Seattle, went into action in August. In mid-September they met for 4 days at Port Ludlow, Wash., with managers of 9 other target-area teams to take a hard look at ground already covered in determining how to channel aerospace and defense engineering skills into other parts of the economy.

Significantly the project leaders, and members of their teams, are job-terminated engineers. The entire coast-to-coast operation is studded with engineers who have a personal stake for themselves, as well as for other IEEE out-of-work members, in discovering and evaluating opportunities in their respective areas in such 3-to-5-year futures as health care, the health-service industry, transportation, solid-waste disposal, food products, the food-service industry, water pollution and control, wood products and building materials industries, and recreation. In their planning they will try to match skills with target openings and to bring employer and employees together. The evaluation program will be completed within 8 months, with frequent progress-report meetings. For further information see "Inside IEEE," Spectrum, Oct. '71.

1972 DUES FOR UNEMPLOYED. By revision in Bylaw 109.5, (p. 4A) the



half-year's dues remission granted on application in 1971 will be repeated in 1972 on similar terms (E.E. Feb., p. 1; Apr., p. 4; Spectrum Feb., pp. 113, 116).

**DUES FOR OLDER MEMBERS.** See new Bylaw 109.3, p. 4A, which sets \$8 as the annual membership dues (instead of \$25) for IEEE members who have attained age 65, have retired from work but do not qualify as Life Members, and who apply for "retired-member" status.

**ELIGIBILITY AS LIFE MEMBER.** (E.E. Aug., p. 3.) Bylaw 102.1 has been revised by BofD (see p. 4A) to make eligible any member when his age (at 65 or thereafter) plus his years of membership total 100. Concurrent amendment of Bylaw 109.2 (p. 4A) makes Student years count in the reckoning, and clarifies the effective date for dues-waiver; a suitable editorial adjustment is made in Bylaw 109.1.

**PRICE-FREEZE.** The 90-day price/wage freeze from mid-August in the U. S. will have an effect on bills for 1972 dues and subscriptions, mailed in late '71. An explanation will be transmitted with the invoices.

The freeze introduces a new complication in the whole IEEE budget activity, (E.E. June, p. 1), making necessary a readjustment of sights.

Suspension of dollar/gold convertibility will tend eventually to decrease the number of units of world currency needed to pay IEEE dollar-dues, hence to cushion the burden of dues-paying by members abroad.

#### TOP-SIDE DEVELOPMENTS

**BOFD 1971-1972 TRANSITION.** By vote of eligible members, announced as of Nov. 10, '70, the Constitution was amended (E.E. June '70, p. 2; Dec., p. 4) to the effect that this year the Assembly (of Delegates) will meet during the days of the last scheduled BofD meeting—namely, at Hollywood, Florida, Nov. 18-19, '71.

Hitherto the Assembly had met on the date of the first BofD meeting of the new year and had preceded it. For an account of the last Assembly so held see E.E. Dec. '70, pp. 2-3; and results, Feb. '71, pp. 3, 4C. It is expected that scheduling the Assembly, this year and hereafter, nearly 2 months sooner will make it possible to finalize most of the committee and board personnel designations well before the first of January.

Names of 1972 BofD Directors elected next month by the members and the Assembly will be given in E.E. Dec. '71. (Prior inquiries after Nov. 19, Betty Stillman)

BofD '71 in November will confirm the date of the '72 BofD's first meeting—tentatively Jan. 12. The '71 Executive Committee of the BofD (ExecCom) will meet Dec. 17 in New York for its last scheduled meeting.

BYLAW CHANGES made by BofD in August are given in white centerfold pages 4A-4B. (Extra copies, Betty Stillman)

They should be associated with your copy of the current Bylaws (in effect Jan. 6, 1971 but for subsequent amendments see E.E. Apr., p. 8) until the next Bylaws reprint appears.

Most of the amendments cited on pp. 4A-4B are the subject of comment under various titles in this E.E.

STATEMENTS OF POLICY revisions made by BofD in August appear in blue centerfold page 4C. The current Statements of Policy folder is dated April 1971. The Statement of Policy on IEEE Societies & Groups (E.E. Apr. '71, p. 4C) has not yet been assigned a number. Like Bylaws, and having similar force in the governance of IEEE units, Statements of Policy are contained in Section and Technical Activities Manuals.

COMMITTEE CHAIRMEN, 1972. Chairmen of 1972 standing committees (listed in Bylaw 304) were selected by August BofD and ExecCom; and, in accordance with Calendar of Appointments & Elections



## IEEE BYLAW CHANGES

Board of Directors - August 23, 1971

102.1, on qualifications for Life Member; for the first sentence, substitute:  
The designation "Life Member" is applicable only to a member who has attained the age of 65 years and who has been a member of IEEE or one of its predecessor societies for such period that the sum of his age and his years of membership equals or exceeds 100 years.  
(Note - This revision takes effect January 1, 1972.)

109.1, on annual dues, add to the first sentence, fixing dues at \$25, this clause: except as noted in paragraphs 2 and 3 below.

109.2, on dues for Life Members, make three changes:  
Revise the first sentence to read:  
Dues shall be waived on January first of the year following attainment of Life Member status as defined in Bylaw 102.  
In the next sentence (lines 3 & 4) strike the parentheses and enclosure:  
(35 at age 65 years, and 30 at age 70)  
In the sentence designated (b), strike out the word "not," so that it will read:  
Student membership years shall be counted.

109.3, referring to the dues of retired members, is new. Its insertion requires the renumbering of old 109.3 to 109.4; and old 109.4 to 109.5. New 109.3 reads:  
A retired member, not gainfully employed and not qualifying for Life Member status, on attaining the age of 65 years, may apply for dues at \$8.00 per year.

109.5 (old 109.4), regarding payments-relief to unemployed members, formerly covered calendar 1971. By amendment BofD made it applicable to 1972 by changing 1971 to 1972, in the two places it appears (lines 7 & 11).

202.1, regarding meeting of the annual Assembly, was changed to conform to the Constitutional changes effective Nov. 10, 1970. Formerly the Assembly met in January at IEEE Headquarters. Two changes are involved. The first sentence now reads:  
The annual Assembly of the IEEE, required by the Constitution to be held on the day of the last regularly scheduled meeting of the Board of Directors in each fiscal year of the IEEE, shall meet where that Board meeting is held.  
By omission of the words "or the designation of a place of meeting for annual Assembly other than IEEE Headquarters," the third and last sentence begins:  
In the case of extraordinary circumstances, a special meeting of the Assembly may be authorized by a two-thirds vote . . . (and so on.)

301.5 has also been changed to conform with the revised Constitution in relation to the Board of Directors' annual meeting hitherto held in January, by making the first sentence begin:

The annual meeting of the Board of Directors, required by the Constitution to be the last regularly scheduled meeting in each fiscal year of the IEEE, . . . (and so on.)  
(Note - Bylaw 316.1 says: "The fiscal year for IEEE shall be the calendar year." The last regularly scheduled Board meeting in recent years has fallen in November.

313.1, on circularization of units to submit names for IEEE office, has shifted responsibility from the IEEE Secretary by changing the Bylaw to begin:  
The chairman of the Nominations and Appointments Committee shall circularize . . . (and so on.)

313.5. To make definitive the hour, in addition to the date, for arrival of votes eligible to be counted, the 8th line will now read:  
no later than twelve o'clock noon on the Friday . . . (and so on.)

402.3 deals with probationary status of Sections having a low level of activity. In view of the widely varying conditions, the following self-explanatory sentence has been added to the first paragraph:  
Responsibility for waiving requirements for the activity level of Sections with respect to probation shall be assigned to the respective Regional Directors.

402.5. The procedures for approval of Section Bylaws were changed by revision of the last sentence of the second paragraph, which now reads:  
A copy of the current Section Bylaws, and any amendments thereafter which involve substantive changes, shall be submitted to the Regional Director for approval, with such approvals reported to the Regional Activities Board.

404.2 deals with probationary status of Subsections having a low level of activity. In view of the widely varying conditions, the following self-explanatory sentence has been added to the first paragraph:  
Responsibility for waiving requirements for the activity level of Subsections with respect to probation shall be assigned to the respective Regional Directors.



604 is a new Bylaw. It reads:

When IEEE sponsored or cosponsored technical conferences or meetings are to be held in countries outside the United States in which there exists one or more national technical societies devoted to electrical engineering, electronics, and allied arts, particular attention shall be given by the organizer of the meeting to obtaining through the Regional Director the cooperation of the appropriate national society or societies at the earliest practical stages of the organization process.

(E.E. Aug., pp. 4A-4B), have now (deadline Oct. 1) recommended their slates of other officers and committeemen.

Chairmen selected are: Fellow, J. D. Ryder; Life Member Fund, F. E. Terman; Tellers, W. W. Terry; Admissions & Advancement, R. P. Cormier; History, C. Susskind; Membership & Transfers, R. P. Naney. Others, required by Bylaws to be chaired by 1972 Directors, await action by the Assembly in November.

CALLING FOR NOMINATIONS, hitherto a function of the IEEE Secretary, will hereafter be a duty of the N&A chairman. See Bylaw 313.1 revision, p. 4B, and revision of Statement of Policy #9, p. 4C.

#### NEWS OF COMMITTEES AND BOARDS

"INSIDE IEEE", in Spectrum for October, will include a resumé of BofD actions in California in August; also progress statements and 1972 plans in their areas by chairmen Chestnut (Technical Activities Board - TAB), Coates (Publications Board - PUB), and Wade (Educational Activities Board - EAB).

IEEE PRESS. An agreement between IEEE and John Wiley & Sons, Inc., has been reached pertaining to the marketing by Wiley of books issued by IEEE Press.

NEW AWARD, the Dr. J. J. Ebers Memorial Award by the Group of Electron Devices has been authorized by BofD.

ELECTION OF FELLOWS will be announced by press release shortly after BofD acts on Nov. 18-19. (Advance requests, Jack Kinn)

The staff also compiles two special arrangements of the names: by Sections and by Group/Societies. (Copy—state which—Emily Sirjane)

NEW PROCEDURE IN NOMINATING FELLOWS. Kits, due to be mailed IEEE

units this September, for the first time contain Group-evaluation forms, to meet a new Fellow Committee requirement in which TAB is Cooperating. Hereafter each nominee's dossier must contain a critical evaluation, by the most appropriate Group or Society, of the candidate's technical accomplishments. This involves mailing procedures similar to those followed by sponsors to canvass references. By securing appraisals as a requirement, "judgment by peers" is being made more certain than in the past. Sponsors undoubtedly will continue to designate one or more references in a candidate's Section and company to vouch for his local reputation and professional attributes.

A MANAGER OF CAREER DEVELOPMENT is being sought to aid the Director Educational Services—a person competent in manpower-data handling and in continuing-education development.

In his charge would be placed such areas as industrial economic outlook; mid-career counseling; and the various programs under way and contemplated for relief of unemployment among IEEE members, such as the furtherance of skill-conversion and establishment of skills banks.

Studies made recently and value judgments of experienced people point to a major shift in the mix of engineering requirements over the next decade; and to an increasing rate of job-changing, and establishment of educational advantages to meet it. Considerations like these have impelled ExecCom to authorize the engagement of staff to work with the volunteers who will be tackling these problems.

#### CONFERENCE NEWS

INTERCON 72 PAPERS PROGRAM will include about the same number of total and applications sessions as '71, but fewer papers. Representatively, there will be 3 papers per session instead of 4 or 5, to allow more time for discussion.



Other innovations: 1) A studied attempt to include in many sessions an important, front-line technical paper, in addition to the tutorials and broad-coverage papers. This is in response to feedback demand. 2) A panel at every session, composed of authors plus others, to engage audience participation.

PITCH MAN. E. E. is intrigued by any show of headwork, no matter where it pops up. Example: Intercon 72's rationale for exhibiting: "Six unique benefits: 1) Introduce new or improved products . . . and new personnel, to a large number of interested people, quickly and inexpensively. 2) Demonstrate equipment "live" in a controlled environment. 3) Talk directly with qualified and influential individuals, many of whom are not reachable by plant calls. 4) Obtain an instant reaction to new products and features. Use the visitors to critique the product. 5) Re-establish top-level relationships between your management and other companies important to you. 6) Judge within a few days just where the industry is trending and how you relate to it."

Come on, you guys and gals who drum up trade for the exhibits your units hold! Can you add an argument, or say more in less space than the Convention Department has done in jet-black boldface on screaming orange?

#### REGION NEWS

REGIONAL DIRECTORS have been empowered by changes in Bylaws 402.3 and 404.2 to regulate the activity level of Sections and Subsections on probation before dissolution; and in Bylaw 402.5 to approve Section Bylaws and substantive changes in them. (See p. 4B)

COOPERATION WITH NATIONAL SOCIETIES. See new Bylaw 604, p. 4B; also new implementing Statement of Policy #30, p. 4C. In Regions outside U. S., organizers and Regional Directors are to seek

early-stage cooperation of appropriate, existing national technical societies in planning to hold IEEE-sponsored technical conferences or meetings. This is to reassure officers of such societies of IEEE's objective to cooperate.

REGIONAL OUTSTANDING-LECTURE TOURS. Sections' and Chapters' attention is invited to a recounting of plans for this service, appearing in Spectrum, June, p. 7. (Inquiries, Peter Edmonds)

#### SECTION AND CHAPTER NEWS

HOMETOWN PUBLICITY. Results of IEEE elections of officers, Directors, and Fellows will become known around Nov. 19 (see items on elections). IEEE committee and board appointments are imminent.

Election of a Section member as Fellow, award winner, or to office makes prime local newspaper copy. Embodiment in type benefits both Section and Institute. It has been known to please the man. It gratifies his co-workers; his wife and children adore him more; his parents beam with pride. His achievement is of various degrees of interest to his neighbors, boss, secretary, lettercarrier, photographers and others with something to sell.

Is your Section equipped to spot such items and place copy and glossies with the press? Consult "Section Public Relations and Publicity Guide" in Section Manual. (Copy, Jack Kinn)

ASSIMILATING RECENT GRADUATES. (See E. E. June, p. 5; Aug. p. 6.) Now, in IEEE Sections and Chapters, seize the opportunity—more timely than ever—to get recent graduates out to the fall meetings. . . Welcome them when they come. Thank the members who brought them along. Find ways to put them to work.

SECTION ALLOWANCES (REBATES), 1972, based on Dec. 31, '71 memberships, will be the same as in 1971 (Bylaw 402.10).

SECTION MEETINGS REPORTS will be due at year-end. Suggestion to Section Secretaries: Get up to date through October now, so that November-December can easily be added to complete. Deadline for meeting credits: Mar. 1, '72.

16 SLIDES ON IEEE ORGANIZATION, with written commentary and supporting facts, are now available on loan to any unit to show members how their multi-dimensional Institute was structured on Oct. 1, '71. This half-hour presentation will fit nicely into a Section or Chapter meeting for change of pace. Or it may be used for a more serious go-round at a Section Executive Committee session as a focal point for ferreting out local applications.

Slides are 2" x 2". (Inquiries, requests for loan, Emily Sirjane)

SECTION ROSTERS BY "COMPANY" AFFILIATIONS. Q.—Are computer readouts available? A.—Yes, on Section order. While they are imperfect, because not all members gave their affiliations in responding to every-member questionnaires and billings upon which the readout is based, some Sections have found the list helpful as a toe-hold for "company" volunteer IEEE in-house coordinator-recruiters. (E. E. Apr. '70, p. 4; June '70, p. 5). . . Q.—Can Sections compile their own lists? A.—Statement of Policy #28 encourages them to do so.

SECTION WORKSHOP AT WESCON. Verbatim notes on this innovative workshop, "packed to high information density," were due to be mailed in September for benefit of Section officers who did not attend. (Copy, Emily Sirjane)

RAB Member-Services chairman Bill Middleton, in the guise of an incoming Section chairman, furnished lively commentary on a graphic training film on organizing Section operations. Other headliner talent included Robert Hansen, Bruce Angwin, Stanley Turnbull, and the Four

Horsemen Mulligan-Tanner-Chestnut-Elliott. Staff Director Stewart hopes some day to match such leadership with full Regional-rollcall participation, even if it takes a cloister and a turnkey to do it.

TRAINING IN PUBLIC SPEAKING. Dale Carnegie courses are of long standing and are listed in telephone directories; the Yellow Pages occasionally list others under "Public Speaking Instruction" or "Speech Training." One which has come to the favorable attention of the Group on Engineering Writing & Speech is "Toastmasters International," whose methods can be made applicable to public-speaking programs or courses in units like Sections and Chapters. For information, ask Toastmasters International, 2200 N. Grand Ave., Santa Ana, Calif. 92711 for their brochure: "How to organize a Toastmasters Club."

#### "FOR YOUR INFORMATION"

"HEY, MISTER, YOU'RE REPEATING YOURSELF."

Don't we know it! E. E.'s readership turnover approaches 50%/yr. If a reader is in office two years, he has most headaches twice. One more doesn't hurt much.

It's a sacrifice he makes for the nurture of the young.

BY-LINE. Donald H. Winner, Editor, Southeastern Michigan Section's Newsletter "Wavelengths," is author of "What Can IEEE Do For You?—(Not One Thing)," the piece we gave lead-all position in E. E. Aug. '71. John H. Bryant, Section chairman, expresses happiness that by printing it, Akron's "Bulletin," Dallas' "Direction," and E. E. recognized Winner's way with words. . . And his words get 'round.

ORGANIZATION ROSTER. An October '71 Supplement to the current March '71 Roster will soon be mailed to the usual circulation list. It reflects many changes in Section officers this past mid-summer. (Copy, Emily Sirjane)



MEMBER'S PRIVILEGE. Q.—Is an IEEE member entitled to see Minutes of BofD and ExecCom? A.—Yes. As a matter of interest, New York's Not-For-Profit-Corporation Law asserts the right of a member, after 6 months' membership, to inspect them. "Privileged" Minutes may be recorded by express action to cover a specific matter for a short-term period during which disclosures might harm the Institute, at the end of which a summary Minute is entered on the record.

"WHERE WOULD YOU LIKE to Have Your Heart Attack?" is a biomedical-engineering question heading an IEEE Report in October Spectrum, pp. 44-50. To prevent patients' being Dead-On-Arrival at hospital emergency rooms, future ambulances will have their 2-way mobile radio contact with hospital admittance rooms and waiting coronary specialists backed up by electrocardiogram-telemetry circuits to point to instant defibrillation and other therapeutic measures upon arrival. Hospitals will have closed-circuit TV for long-distance consultations and psychiatric assistance added to modern coronary-monitor units. The role of engineering is manifest in IEEE context.

LIFE MEMBER FERROTITILLATED. "It took a change in M. D. s but I did it. The new one uses a paramedic from the moon probe to give me iron—muscles, blood, and spinal cord."



"You really feel good?"  
"Great! All I have to do is face North."

## WELCOME ABOARD!

### New Group Chapters in Sections:

- Columbus Section: Control Systems Society Chapter.
- New Jersey Coast Section: Joint Electron Devices and Microwave Theory & Techniques Groups Chapter.
- North Jersey Section: Joint Nuclear Science, Engineering in Medicine & Biology; Systems, Man & Cybernetics; Geoscience Electronics Groups Chapter.
- Sacramento Section: Joint Circuit Theory Group, Control Systems Society Chapter.
- Twin Cities Section: Industry & General Applications Group Chapter.

### Rejuvenated Chapters:

- Chicago Section: Joint Antennas & Propagation and Microwave Theory & Techniques Groups Chapter.
- Twin Cities Section: Joint Audio & Electroacoustics and Broadcasting Groups Chapter.

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<u>Centerfold pages:</u>	<u>Pages</u>
White - Bylaw Changes	4A-4B
Blue - Statements of Policy	4C-4D
Ivory - Nominees for IEEE Office	4E-4F
Green - TAB News	4G-4H