



NEWSLETTER

NATIONAL ASSOCIATION OF EDUCATIONAL BROADCASTERS

14 GREGORY HALL

URBANA, ILLINOIS

NAEB DIRECTORS ELECTED

For the first time, a NAEB Director-at-Large was elected by individual members of our organization. Mrs. Gertrude Broderick, Radio-TV Section of the U. S. Dept. of Health, Education & Welfare, will represent all individual NAEB members, most of whom are former AERT members who joined with us in the merger.

Elections were held in Regions II, IV, and VI. This is the first group of directors nominated and elected by mail from their regional members only. Formerly Regional Directors were nominated at Convention and elected there by all members voting.

Vernon Bronson, Station WTHS-FM-TV in Miami, Florida, is the new director for Region II. He succeeds Earl Wynn of the Communication Center at the University of North Carolina.

New Region IV Director is Richard Vogl, WOIAM-FM at Iowa State University, who succeeds Burton Paulu of KUOM, new NAEB President.

Edwin Adams, School of Communication at the University of Washington in Seattle, succeeded himself for another term as Director of Region VI.

An election was held in Region V to fill the one-year vacancy caused by John Schwarzwalder moving from Region V to Region IV. Robert Schenkan, Director of Radio-TV at the University of Texas, took over the one-year post.

—N A E B—

ASSOCIATION NEWS

GREETINGS FROM THE PRESIDENT

—By DR. BURTON PAULU

The president of the National Association of Educational Broadcasters holds a challenging position. His task is difficult because of the many important developments in educational broadcasting with which NAEB is involved. Yet it is satisfying: educational broadcasting is important, and NAEB members are devoted to its cause.

NAEB Newsletter
Vol. XXII, No. 1
January, 1957

NAEB Newsletter, a monthly publication issued by the National Association of Educational Broadcasters, 14 Gregory Hall, Urbana, Ill., \$5 a year, edited by Mrs. Judith Stevens. Application for 2nd class mail privileges pending at Urbana, Illinois.

Ours is a democratic organization. We share our problems, and proceed cooperatively towards their solution. The President, therefore, is never alone. Nevertheless, like committee chairmen, he inevitably must bear more responsibilities than do most members of the organization.

Your judgment of my performance will be severe because of the high standards set by my immediate predecessors. Frank Schooley, Graydon Ausmus, Seymour Siegel and Richard Hull - - to name only the last four incumbents - - displayed ability and devotion of a high order.

Fortunately, these and other recent officers are still available for counsel and assistance. Frank Schooley, the able and popular retiring president, will continue to be much involved in NAEB, since he automatically became a member of the Board of Directors on January 1. Also I can call upon the knowledge and experience of our executive director, Harry J. Skornia, and of the entire headquarters staff.

To prepare for my new duties, I recently visited Urbana, Washington, New York, East Lansing and Ann Arbor. I talked to retiring president Frank Schooley; treasurer Robert Coleman; executive director Harry J. Skornia, and members of the headquarters staff.

I called upon representatives of the JCET, the U. S. Office of Education, the BBC, RTF, and the ETRC, and talked to NAEB members at WNYC, New York University, the University of Illinois, Michigan State University, and the University of Michigan.

BOX SCORE

You probably notice the figures this month have changed considerably, some up and some down. For months we have been plagued with the fact that everyone prints or quotes different figures on the number of TV, AM and FM stations. No one knew who was right, so we wrote FCC. The figures this month are the ones the FCC sent us. From now on we're using these, which, incidentally, are the same as the ones the NARTB uses.

Total TV stations — 511 (includes 22 non-commercial)

Total AM stations — 2987 (includes 37 non-commercial)

Total FM stations — 654 (includes 126 non-commercial)

The Executive Committee (made up of the president, vice president, secretary and treasurer) will meet with the executive director early in January, and thereafter will come together every few months. The Board of Directors, of course, will convene at the Columbus Institute. Committees for 1957 will have been announced by the time this issue of the Newsletter is distributed.

With the wisdom and experience of past administrations to guide us, with an excellent set of officers and regional directors, and with the strengthening of NAEB through the addition of many new members from the ranks of the AERT, we can look forward confidently to the New Year.

—N A E B—

MEMO FROM THE EXECUTIVE DIRECTOR

—BY HARRY J. SKORNTA

This month's column, the first in our new garb, will be relatively brief. How do you like it? With the greatly increased circulation it was more practical for expense, distribution, and other reasons to go to a printed and less cumbersome format. This had to be done during the holidays, and we hope in each issue to improve considerably on this first one. Judith Stevens will welcome your reactions and suggestions for future revisions and changes.

Since this will continue to be to a certain extent the NAEB "House Organ," we shall for the time being continue to feature "family news" and a more familiar tone than that used in the *Journal* (which you should all have received by now).

Therefore, I shall briefly report on trips and other developments as they occur, since this has been generally indicated as something you expect of me.

I was in New York December 11 - 15, for Adult Education Association, CNO Executive Committee and Broadcasting Committee meetings. (For those

interested in travel expense, I should mention the increasing frequency with which our travel expense is borne by those organizations requesting our assistance, counsel or services . . . which is a considerable saving to the NAEB.)

While in New York I attended the meeting of the New York AEA, welcoming the FAE into their midst, following the recent centralizing of FAE offices in White Plains. In addition to the opportunity this provided to see a number of foundation, NAEB and other Association friends, I was very pleased to be able to hear FAE President Fletcher's address at this session.

He urged us not to concentrate on "felt" needs, but to seek to provide leadership in the discovery and solution of needs many of us ignore at our peril. He pointed to the extent to which liberal education in America has failed to train people for real community and political leadership. Presidents, cabinet members and other political leaders are generally from such distantly related fields that the need for career-training is becoming apparent . . . with specific curricula aimed at training people for positions of responsible leadership. He quoted Mr. Randall from this year's FAE Lectures: "Education is too precious to be measured in dollars."

Mr. Fletcher outlined grants of the FAE to date, including favorable mention of achievements of the NAEB, using FAE grant funds, and especial mention of the "test city" (discussion) and ETV projects they have financed. There was no question but that the FAE supports what we all stand for, as we strain to use our media for enlightenment and education.

Norman Ross, Education Director of *Life*, had invited me drop in, and I had a pleasant discussion with him and his staff. He showed me the mock-up of a fine feature nearly ready to go, in *Life*, on ETV as a teaching tool. We offered our help in calling it to your attention, since I think the article will be of help in board, legislative and community efforts you may have under way.

I also discussed the possibility of *Life's* covering the first of the NBC live feeds to ETV stations and I hope something may come of that. Mr. Ross and his staff are sympathetic and interested. We appreciate the opportunities this contact affords for the promotion of our efforts on behalf of American education and educational broadcasting.

From Mr. Ross I dropped by briefly to chat with Quincy Howe, now at ABC, but formerly on the campus at the University of Illinois.

Mr. Alvin Eurich of the Fund for the Advancement of Education had also invited me to drop in, and I did, so . . . the day following the announcement of their being taken back into the Ford Foundation. In their new relationship they will continue with renewed

confidence and vigor their interest in the use of TV for teaching, and we plan to submit some proposals to them for possible cooperation.

While in New York I also had the pleasure of dinner on Thursday night with Barrie and Mrs. Thorne of the BBC, and on Friday night I dined with Sy Siegel. Both discussions were "idea-stimulating" in the best sense. Out of the first will, I hope, come increased cooperation and understanding with the fine BBC people. Out of the second I learned of many new programs from the CBC and elsewhere which will soon be available to the NAEB through WNYC and Sy's imaginative efforts and drive.

I also talked by phone with George Probst of the Edison Foundation and Lawrence Levey, publisher of TV Opportunities. If any of you now want copies of Mr. Levey's special ETV issue, mentioned in the November Newsletter, let us know. We'll be glad to send them.

The balance of time was taken up by a Regional Meeting, the Broadcasting Committee Meeting and the Executive Committee Meeting . . . all of the CNO. Like ourselves, the CNO faces the problem of developing self-support, as foundation funds begin to be withdrawn for on-going and operational purposes; and they are increasingly restricted to project grants. Most of the CNO developments are not applicable at this time. However, I believe the leadership role we can provide with them justifies our continued cooperative efforts.

Between meetings I had an hour with Burt on Paulu at the Airlines Terminal. He had been to Washington and New York and was on his way to Ann Arbor . . . then home. Elsewhere you will find his greetings to you, together with any report he may feel called upon to make.

Back home we have just finished entertaining Mr. Puang Nanakon from Thailand, and Dr. Maurice Seay, of the W. K. Kellogg Foundation, who has just had his first glimpse of our National Headquarters. Many of you are sharing the responsibility of hosting Mr. Nanakon, and we thank you for this. And - regarding Dr. Seay - since our central office is financed largely by Kellogg Foundation Funds, I'm sure you realize the genuine pleasure his visit has given us.

Hungarian refugee Zoltan Ujhelyi has just been employed by Headquarters to work on the Network. Mr. Ujhelyi spent 5 years in a prison camp in Hungary, in the same camp with Cardinal Mindzenty. Later he was accused of espionage for the Americans and spent time at forced labor. He plans to enroll in the University of Illinois after he is more acclimated, to continue his study of civil engineering. His entire family - wife and her parents - is now living in the United States. We certainly welcome him!

DIRECTORY CHANGES

- p. 1 Change Summary of Membership figures to:
 121 Active Members
 86 Associate Members
 78 Affiliate Members
 3 Honorary Members
 288 Total
- p. 7 Delete Mitchell Garbick from WGVE.
 Add: Paul J. Bowly, Station Manager
- p.15 Insert with WUNC-TV, their other two TV studios:
 North Carolina State College State College Studio
 Roy Johnston, Director of TV Raleigh, N. C.
 Woman's College Woman's College Studio
 Emil W. Young, Jr. Greensboro, N. C.
 Director of TV
- p. 21 Add under Wisconsin
 WLFM-(FM) 91.1 kc Lawrence College
 (Appleton) 3 kw Joseph A. Hopfensperger,
 Station Manager
 Sampson House
 Lawrence College
 Appleton, Wisconsin
- P. 23 Add: Birmingham Public Schools Evelyn Walker,
 (Birmingham) Producer-Coordinator, Radio-TV
 720 S. 20th Street
 Birmingham 5, Alabama
- P. 38 Change Sheldon Fisher's city to Urbana
- p. 40 Add: MISSISSIPPI (Region II)
 Mississippi Southern College, Thomas B. Maclin Jr.
 (Hattiesburg) Director, Radio-TV
 Station A
- p. 51 Add: WLFM(FM) Lawrence College,
 Appleton, Wisconsin

In closing, may I thank the many of you who sent personal Christmas cards and notes. Your wonderful support and good wishes are greatly appreciated. May we share another fine year together. A happy and prosperous 1957 to you all!

—N A E B—

NETWORK NEWS

—BY ROBERT UNDERWOOD

With the advent of 1957 and the reflective pause which accompanies the ending of one year and the beginning of the next, the Network staff is taking the opportunity to survey the present situation and determine future lines of action.

This past year has seen a complete turnover in Network personnel (with the exception of one half-time student employee). Naturally, under such conditions errors of fact and judgement occurred along with numerous misunderstandings among the staff and between Network officers and various stations. Personally, I feel many of these errors and misunderstandings took place because too many items were filed in individual minds and not in the regular files - and I feel this is true at both ends of this operation.

Thus, the staff here is going to devote much of its time to compiling and keeping accurate records. We have begun this campaign with the most important file, the tape inventory file.

Now, a few words on the response to our plea for a clearing up of the tape inventory records. Your response as of this date (12/19/56) has been most gratifying, as we have received statements from 50 stations for a 63.3% return. We asked for and expected a 100% return, although provision was made for those not responding (and I assure you this provision will be enforced). As a matter of fact, all penalties mentioned in the recent memo covering tape return and inventory will be strictly enforced.

While the numerical response to our inventory has been comparatively good, some of the statements received indicate many stations are not familiar with the meaning of our serial numbers, the methods by which we distribute tapes, etc. Therefore, we will attempt to produce during 1957 an explanation sheet concerning the Network, its composition, operational procedures, services, etc. When this information appears, we trust all station personnel will take the opportunity to give it their serious attention.

Every inventory statement received will be confirmed. However, since some difficulties have arisen, this confirmation job has become an awesome task. We request your patience and continued alert book-keeping.

We feel we have made tremendous strides on the technical aspect of our operation, thanks to the efforts of Mr. Jess Trump and Mr. Cecil Bidlack. Jess has given his untiring efforts to the improvement and maintenance of our equipment, and Mr. Bidlack has kindly given of his time in a consultation role. We think you will agree with us that these two gentlemen are producing some good results.

Another area in which we feel progress has been made is programming; but we do regret that most Network programming is provided by so small a number of member stations. If it is at all possible, why don't you make a New Year's resolution to produce and submit at least one series to the Network during 1957? We'll be glad to have it, and we know all your fellow Network members will be pleased at the opportunity to hear what you can do.

—N A E B—

NOW WE'RE IN PRINT

—BY MRS. JUDITH STEVENS, EDITOR

The radical face-lifting given the cosy old NAEB *Newsletter* stems from the many more copies now being distributed. Since the AERT-NAEB merger is officially consummated this month, the *Newsletter*

goes to 1500 persons and/or institutions. Printing is less expensive than mimeographing when working with this quantity, and here we are.

Many differences are at once apparent. By setting our news in type, we use about one-fourth as much space as we did before, so the new *Newsletter* is quite thin. It'll be much easier to keep copies, as loose leaf notebooks can accommodate far more issues now.

Now that we're in print, photographs can be easily incorporated in our news. So when you send us news releases, send pictures, too. Make sure the photos are clear, not fuzzy, and preferably of persons doing something, not just staring at the camera.

We feel the *Newsletter's* "new look" is becoming. Hope you agree.

—N A E B—

REPORT FROM PARIS

—BY KEITH M. ENGAR

Fulbright Student In Paris

At the present time, the French Broadcasting System's Cultural Exchange Office, headed by M. Michel Robida, is preparing a new series for NAEB entitled "Seeing Paris." Madame Magdeleine Paz, whom many of you met at the recent convention, is producing the series. While the title implies this is a radio travelogue, Madame Paz has made the series much more than that. Her writers have incorporated the history and atmosphere of Paris within the framework of well-known landmarks.

You would surely be impressed as I am with the emphasis the French Broadcasting System is giving cultural exchange. Not only are programs prepared for NAEB, but for many European and South American countries as well. As the name implies, it is a two-way proposition, and the French Broadcasting System carries many TV and radio programs of the participating countries. Thus far to my knowledge, America is lagging behind other nations in this most important area of international cooperation. When one is away from home, one is naturally more aware of our impact, or lack of it, on the mass media abroad. In the long run, cultural exchange will do far more to cement friendships than propaganda releases ever could.

—N A E B—

TEACHING BY TV

"Type Right," a TV series in beginning typing, is currently being presented by the Denver Public Schools over KRMA-TV, Denver's educational Channel 6. Approximately 700 handbooks for home study have been sold for this 18-week series.

FCC ACTIONS

▶ FCC Chairman George C. McConaughy told Congress one way to advance UHF television would be to eliminate or reduce the 10 per cent excise tax on all-channel TV receivers. McConaughy described the current UHF service situation as "a vicious circle." He said the public is waiting for more UHF programming before buying UHF sets, and UHF permit holders are awaiting wider distribution of UHF receivers before going on the air.

"The best interests of the public require this circle to be broken some place, so there will be more TV service," he said. Noting that the Senate Commerce Committee has unanimously recommended that the excise tax on all-channel sets be reduced or eliminated, he said, "We agree with that view."

—AP Wire Service

▶ The U. S. Court of Appeals upheld the FCC in refusing to change its assignment of certain TV channels at Fresno, California. The O'Neill Broadcasting Co., operator of a Fresno TV station on Channel 47, had asked the Commission to assign Channel 12 for educational use instead of Channel 18.

AWARDS

▶ The Ohio Education Association has presented its annual awards for "superior educational qualities" to two network TV programs and one radio program. The Association's network awards went to the adult TV program "Wide, Wide World," to the children's TV program "Disneyland" and the adult radio program "Voice of Firestone." The Awards Committee Chairman said no award was made for children's radio programs because the number to choose from was so small an award was "unwarranted."

▶ The University of Minnesota radio station, KUOM, has been given the National Safety Council's public interest award for farm safety promotion. The award was presented in Chicago, Nov. 25, during a noon luncheon of the National Association of TV and Radio Farm Directors. KUOM has received the award for 6 of the past 7 years.

▶ The Edison Foundation Mass Media Awards Committee presented a special citation to New York City's Municipal Broadcasting Station, WNYC, for its recently established "Annual Science Seminar."

NEWS OF MEMBERS

GENERAL

▶ An ad appearing in the November 30th issue of *U. S. News and World Report*, featured a picture of Dr. Hubert Mate, professor of Romance Languages at the University of Alabama, and teacher of a TV course on Spanish. The cut line under the picture praised Alabama's ETV network, giving percentage of coverage and kinds of college credit courses offered. The Southern Company, a group of Southern electric power companies, placed the ad. A nice tribute from an unexpected source.

▶ In the *Nebraska Alumnus* magazine for November there is an article on teaching high school algebra through the University of Nebraska's ETV station, KUON-TV. Titled "Experiment in Educational TV," the article says this telecourse may point the way to relieving the teacher shortage in Nebraska. The treatment is comprehensive and complimentary - a thoroughly nice job.

▶ KUSC, the University of Southern California's FM station, received a tribute titled "Radio with an IQ" in *TV Radio Life*. A piece that started out tongue-in-cheek linking KUSC's programming with "culture vultures," the article presented admirable facts. KUSC has a wide listening audience; their

programs are rich in subject matter and polished in delivery. Admitting educators are reluctant to blow their own horn, the author of the article blew it for them in a stimulating bit of prose that might well have further increased KUSC's audience.

▶ Gertrude Broderick, Radio-TV Educational Specialist for the U. S. Office of Education, has put out a survey of ETV programs over commercial stations during the school year of 55-56. The brochure states 198 American TV stations are now carrying 531 educational program series. The 198 are located in 144 cities. The 531 programs are sponsored by 8 state departments of education, 15 county school systems, 160 colleges and universities, 13 teachers' colleges, 67 city schools or school systems and 5 parochial school systems. The survey included neither educational programs carried on networks nor those carried by the 23 strictly ETV stations on reserved channels. Nice job Mrs. Broderick!

▶ WCET, Cincinnati, was given a grant of \$66,000 by the Ford Foundation's Fund for Adult Education. Added to the \$34,000 for a kinescope made earlier this year, the fund has granted WCET a total of 100,000 during 1956. The FAE grants are based on the policy of one dollar for two already raised by the organization.

▶ An excellent article in the December 2nd St. Louis *Post-Dispatch* praised KSLH, the St. Louis Public School radio station. Pictures of personnel and children listening to the programs illustrated the article. Many of KSLH's programs were singled out for praise. Particularly interesting was the emphasis on world-wide audience, as tapes of different programs are sent to many lands for re-broadcast. Marguerite Fleming, KSLH manager, should be justly proud of her station.

▶ Professor Waldo Abbot's "Handbook of Broadcasting," one of the pioneering and best-known texts in the field of radio-TV, is being published by McGraw-Hill in a new edition to be released in January.

PERSONNEL

▶ Nobel laureate Dr. Glenn T. Seaborg was appointed senior advisor in the sciences for the ETRC. Dr. Seaborg is the "star" of the NET series, "The Elements," and professor of chemistry and chemical engineering at the University of California in Berkeley.

▶ Chapin Ross is the new Assistant Director of Radio at Abilene Christian College in Texas. He is in charge of their AM wired-wireless station that will go on the air the first of the year.

PROGRAMS

▶ Beginning December 5th, the Mohawk-Hudson Council on ETV in New York is offering a unique TV program called "French Club" on WTRI. These weekly programs are geared to high school students and adults, and present a variety of things - mostly in French - for the viewer who has studied some French.

▶ Songs for Christmas from major countries throughout the world were presented by James Schwabacher December 14 on KQED, San Francisco. This music festival signified the last live performance before Channel 9 went off the air for 3 weeks to move its transmitter from atop the Hotel Mark Hopkins to San Bruno Mountain in San Mateo County.

Schwabacher sang one original selection especially written for the performance. In addition, the song festival included French Noels of the 15th century and German, Austrian, Italian and American Christmas folk-lore.

▶ KQED also is presenting a new TV series "Aeronautics America." The first program was shown November 30th and dealt with overall aviation from the Wright Brothers to supersonic jets. The 13-week series progresses through tests and technical advancements and is designed to interest high school students and adults.

▶ WKNO-TV, Memphis, says national magazines *Life*, *Look* and *TV-Guide* are on-the-spot reporting their "Streamlined Reading" telecourse that teaches adult illiterates to read and write. The current enrollment figure is 751, and many more are following the lessons without texts. The project was nominated for the Sylvania TV Award. Many congratulations to Memphis!

▶ "The Shoemaker's House," a contemporary hour-long drama, was presented over WHA-TV, University of Wisconsin, on December 16. Timely in the light of recent European events, the play dealt with 3 days in the life of a Czechoslovakian family under Nazi occupation during World War II. The script has won several playwright awards and has had numerous productions throughout the country.

▶ Indiana University and WTTV, were given a nice tribute in the December 15-21 *TV Guide*. The two-page article praised the programs Indiana University produces over WTTV, saying their Saturday night basketball telecasts top all other TV entertainment in their vicinity.

▶ The Rev. Harold Rigney, recently repatriated Catholic priest, was interviewed on "Campus Tour" December 9, over WILL, the University of Illinois radio station. Father Rigney answered questions concerning his experience prior to going to China where he was imprisoned by the Chinese Reds, what he did in the West African Gold Coast region, his work as a Divine Work Missionary, his plans for the future, and his work in geology - the field in which he holds a doctorate.

—N A E B—

RADIO GRANTS ANNOUNCED

The 1956-57 Radio Grants-in-Aid were made recently by the ETRC upon recommendation of the NAEB Grant-in-Aid Committee. Seven different institutions were granted \$44,920 to aid in radio production.

The NAEB Committee that made recommendations consisted of Edward J. Rosenheim, Jr., University of Chicago, Chairman; James Miles, Purdue University; R. Edwin Browne, University of Kansas; and Larry Frymire, Michigan State University.

—N A E B—

The Canadian Broadcasting Company has announced the establishment of 5 new TV stations in Canada, to be located at Medicine Hat, Alberta; Kamloops, British Columbia; Argentia, Newfoundland; Quebec and Rouyn, Quebec.

TV TECHNICAL TIPS NO. 28

—BY CECIL S. BIDLACK, NAEB TV Engineer

Big news of the month, as far as the Engineering Service is concerned, is the publication of the report of the 1955 NAEB TV Engineering Workshop held at East Lansing, Michigan in September, 1955. This 189 page report was placed in the mails the second week of December and should be in your hands as this is written, barring delay due to the Christmas rush.

We regret it has taken so long so get this report into print. The task of transcribing the talks from the tapes and the necessity for a great deal of editing required far more time than anticipated. By the time the report was ready for the printer, we bumped into a backlog of text book printing. Late as it is, we hope you'll find it helpful and worth while.

* * * *

With the collaboration of Dick Lawson of the WILL-TV staff we have also published the first of what we hope will be a series of Staging, Lighting and Graphic Arts Newsletters. These have been sent to those who attended the NAEB Staging and Lighting Workshop at Ann Arbor last August, and to managers and directors of all ETV stations and production centers. We know our list of staging, lighting and graphic arts personnel is far from complete. We hope to reach everyone concerned, so if we missed you please write and ask to be added to our mailing list.

Included in the mailing to managers is an SMPTE paper "An Inquiry Into Standards for Television Slide Production" and "Preliminary Specifications for the Ampex VR-1000 Videotape Recorder/Reproducer." We'll be glad to supply these upon request.

* * * *

CBS-TV has placed its two prototype models of the Ampex Videotape Recorder into daily use for West Coast repeats of the Douglas Edwards News program. Picture quality is reported far superior to kinescope quality and compares with the best 35mm film with superior contrast range.

Observers report occasional appearance of fine white lines in the picture attributed to "tape drop out." This is caused by the texture of the magnetic material on the tape base. It is accentuated when the magnetic oxides are not evenly flowed onto the plastic base. Tape suppliers have been giving special attention to this problem, with pre-testing of each reel of tape slated as one possible method of whipping this problem.

NBC-TV in Hollywood has received the first of its Ampex Videotape Recorders; but until tests have been completed no plans have been made for "on the air" use. Delivery of the second recorder is expected soon with a third to go to New York Network fa-

PLACEMENT SUPPLEMENT

The following gentleman registered with us last month. Anyone wishing further information or wishing to register with the NAEB Placement Service contact Mrs. Judith Stevens, 14 Gregory Hall, Urbana, Illinois.

Male, married, M.A., 29, wants producer-director, or program director position in educational broadcasting. Now employed as radio announcer and supervises production of TV spots for an ad agency. Has degree in radio-TV and welcomes a chance to teach. Location open. \$5,000.

ilities. We regret we can't give a first hand report of the use of videotape on the air. We'd appreciate hearing from our West Coast readers with their comments on reception.

The way we figure, it may be a long time before we "corn pickin'" middle westerners see programs on videotape. If possible, Ampex officials have promised to advise in advance of coast-to-coast broadcasts on tape.

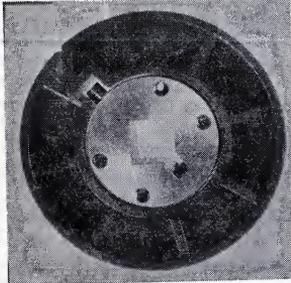
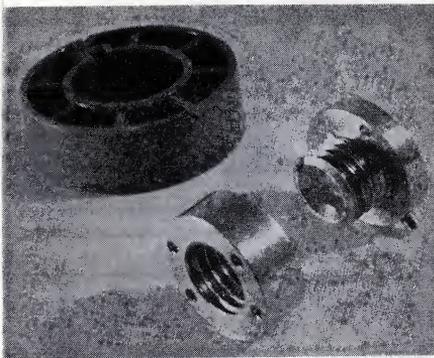
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An interesting application of the use of infra-red reflecting glass is outlined in a story on page 89 of the December 10 *Broadcasting-Telecasting*. This glass reflects radiant heat but transmits more than 75% visible light. Rectangles of glass, 12 x 16 inches, were installed on frames in front of the spotlights used. The glass was held at an angle of approximately 45 degrees to reflect heat towards the ceiling and away from the light fixture itself.

This method was used for WSM-TV telecasts from Ryman Auditorium in Nashville (which is not air conditioned). WSM officials believe at least 50% of the heat from the spotlights was dispersed, which made it possible to televise "Grand Ole Opry" throughout the summer. They were so impressed they plan to install heat reflecting glass in the regular WSM-TV studio (which is air conditioned). In addition to cutting down heat, they also believe a reduction in the amount of infra-red light improves picture quality.

* * * *

On our visit to KCTS in Seattle, we picked up an idea which may be helpful. In order to cut down on their inventory of 16mm reels, they use a split reel in conjunction with a plastic core and a brass hub which they designed and built. This way they are able to store film in cans on the plastic core (used for bulk film) and operate with a small number of split reels. The illustrations show the parts of the brass hub separated and with the hub in the plastic core.



KCTS is fortunate in being able to have the hubs made at a trade school at no other cost than the 1 inch brass stock. They also buy the inexpensive reels, take them apart and install the brass hubs, thus making a very reasonably priced split reel. We don't have a working drawing for the hub, but believe you all have the important dimensions available to have these made, if you wish to adopt this practise.

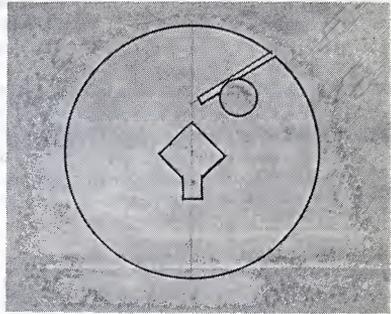
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We also picked up a tip from Ross Scroggs at WUNC-TV which has a more limited appeal since it is for use with a film processor.

WUNC-TV has been making kinescope recordings of the University of North Carolina football games. They built a film magazine which holds an hour's film so it is possible to reload the magazine in the 20 minutes between the halves of the game. The kine is then edited and shown on WUNC-TV on Sunday evening.

WUNC-TV does its own film processing. Ross has a special metal core he uses to make sure he does not pull the film leader through his film processor, and avoids the necessity for rethreading the processor. He uses a metal core as the take up hub in the kinescope recorder magazine. Sufficient leader for the

processor is attached at the start of each hour's unexposed film. The special core contains a slot just wide enough to accommodate the thickness of the film. In threading the magazine, the end of the leader is folded over so the leader won't pull out of the core.



The film is processed backwards, that is, from end to beginning. When the exposed film has run through the processor and pulled the leader through to the end, the tension stops the processor, threaded with leader.

* * * *

We have just received the 25th Anniversary Issue of *Broadcast News*, a publication of the Radio Corporation of America. Among other articles it contains a 13 page, well-illustrated description of KETC, The St. Louis Educational Television Commission station. There is also a short story devoted to WHYY-TV of the Metropolitan Philadelphia Radio and Television Corporation.

HUNGARIAN TECHNICIANS

Notice of the availability of two technically trained Hungarian refugees has come to our attention. With their wives, they fled from Hungary on November 20, and are now in Salzburg, but they expect to come to the U. S.

Bela Julesz, born 18/2/1928
Andor Gabor, born 30/7/1923

Both these men hold the degree "Candidate in Technical Science," equivalent to our degree of M.Sc. Gabor's dissertation dealt with Modulation Suppression and Threshold Signals. Julesz's dissertation was on the Correlation of Statistical Methods applied to the Transmission of TV Signals. He has since then been preparing a university text-book on communications theory.

Anyone interested in employing these gentlemen, or knowing of positions they might fill, please contact Mrs. Judith Stevens, Placement Officer, NAEB Headquarters, 14 Gregory Hall, Urbana, Illinois.

A gift of broadcast equipment valued at more than \$43,000 was made by Storer-owned WJBK-TV, Detroit, to the local educational WTWS. Equipment includes film chains, control panel, power supplies, monitors, amplifiers and relays.

Scanned from the National Association of Educational Broadcasters Records
at the Wisconsin Historical Society as part of
"Unlocking the Airwaves: Revitalizing an Early Public and Educational Radio Collection."



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