

demonstrations of wire laying by helicopter and bazooka. Inquiries about this elaborate program should be directed to Col. George P. Dixon, Executive Secretary, AFCA, 1624 Eye St., Connecticut Ave., N.W., Washington 6, D.C.

Student Members

Applications for Student memberships have been coming in at a gradually increasing rate during recent months. This is encouraging to the officers of our two Student Chapters and shows a growing interest on the part of college students in a number of motion picture film courses currently being offered.

In the past, Student memberships have been recorded on a calendar year basis, along with the other grades of memberships; but beginning in March, 1950, all new Student memberships will date from September 1st and continue on a school-year basis. Appropriate arrangements will be made this year so that each member in the Student grade will receive full credit for dues paid and on September 1st they will all be billed for the period from January through August, 1951. All expirations will then occur at the beginning of each new school year.

Engineering Committees

Television

Television broadcasters have had their share of troubles over the past two or three years in adapting motion pictures as a source of television program material. The initial mechanical problems of converting 24-frames/sec motion pictures to 30-frames/sec images for the iconoscope or image orthicon pickup cameras have been generally solved, at least to the extent that results are commercially acceptable. The future is encouraging since several research projects are now moving rapidly toward much improved reproduction of the picture, but acres of virgin territory remain. Characteristics of the ideal television film, mechanical improvements in projection equipment, special television film leaders, cue marks and aperture sizes are a few of the unsolved problems.

In a combined effort to ease the industry's burden, the Society, the Institute of Radio Engineers, and the Radio Manufacturers Association have under discussion a program for the co-ordination of television projects. The major aim is to eliminate duplication of effort that results when engineers are asked to serve on committees of more than one organization working on the same subject or closely related ones. Overlapping committee rosters could be replaced by interlocking memberships so that a minimum of "co-ordination" effort would keep all concerned posted on current progress.

Preliminary plans were considered at a meeting held in New York on March 22nd. The Society was represented by F. T. Bowditch, Engineering Vice President, Boyce Nemece, Executive Secretary, and W. H. Deacy, Staff Engineer; the IRE by Axel Jensen and IRE-RMA co-ordination by M. W. Baldwin. It was agreed that the formation of a correlating body would be recommended on which the IRE, RMA and SMPTE would be represented. This group would allocate new projects as they arose to the organization best qualified.

To implement the Society's share in this project, a major reorganization of the Society's Television Committees and reassignment of projects were announced on March 22nd by Mr. Bowditch. Two of the groups that will replace the former Television Committee are the committees on Television Studio Lighting and on

Films for Television. Others will be formed as required. The Society's long standing Theater Television Committee will continue without change on its work with the motion picture producers, exhibitors, the common carriers and the Federal Communications Commission. Memberships and scopes of these committees are shown in the roster of Society committees elsewhere in this JOURNAL.

Current Literature

THE EDITORS present for convenient reference a list of articles dealing with subjects cognate to motion picture engineering published in a number of selected journals. Photostatic or microfilm copies of articles in magazines that are available may be obtained from The Library of Congress, Washington, D.C., or from the New York Public Library, New York, N.Y., at prevailing rates.

American Cinematographer

vol. 31, no. 1, January, 1950
Economy Lighting with Photofloods
(p. 10) F. FOSTER

Carbon Arc Studio Lighting (p. 11)
W. W. LOZIER

The Production of Films for Television
(p. 12)

Rating Color Temperature (p. 13) D.
NORWOOD

New Multiple Sound Track for 16mm
Films (p. 14) L. ALLEN

Lighting for Color Movies (p. 16) C.
LORING

British Kinematography

vol. 15, no. 6, December, 1949
Improvements in Large Screen Tele-
vision Projection (p. 178) T. M. C.
LANCE

Discharge Lamps in Relation to Film
Projection (p. 191) A. G. PENNY

vol. 16, no. 1, January, 1950
A Small Continuous Processing Ma-
chine for Experimental Work (p. 2)
G. I. P. LEVENSON

The Film in Relation to Agricultural
Engineering (p. 9) D. HARDY
Standardization and the Kinema:

Introduction (p. 17) S. B. HARRISON-
SWINGLER

Standards and the Exhibitor (p. 18)
L. KNOPP

Standards for Projection Equipment
(p. 18) S. A. STEVENS

International Standardization (p. 19)
C. H. BELL

Standardization Combats Film Muti-
lation (p. 20) R. H. CRICKS

Electronic Engineering

vol. 22, no. 1, January, 1950
Recording of Television (p. 8)

Electronics

vol. 23, no. 1, January, 1950
Dot Systems of Color Television (p.
96) W. BOOTHROYD

International Photographer

vol. 21, no. 12, December, 1949
New Type Variable Area 16mm Track,
Introduced by J. A. Maurer, Inc.
(p. 22)

Bell & Howell Camera Records Life at
Greatest Sea Depth (p. 22)

vol. 22, No. 2, February, 1950
Three Dimensional Photography (p.
12) A. WYCKOFF

Motion Picture Films in TV (p. 18)

International Projectionist

vol. 25, no. 1, January, 1950
The 35-mm Projection Positive Film,
Pt. III, (p. 5) R. A. MITCHELL
Theatre Television: What, How and
When (p. 13) J. E. MCCOY and H. P.
WARNER

vol. 25, no. 2, February, 1950
The 35-mm Projection Positive Film,
Pt. IV, (p. 7) R. A. MITCHELL
The New Simplex X-L 35-mm Pro-
jector Mechanism (p. 14)

Kinematograph Weekly

vol. 394, no. 2224, December 15, 1949
Colour Developments Reviewed (p. 63)
J. H. COORE

Independent Frame Process Puts Film
Making on Factory Basis (p. 67)
R. H. CRICKS

How to Choose a Projector (p. 144) J.
COOPER