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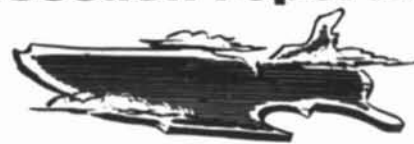
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section reports



The Canadian Section held a meeting May 7 at the CFCF Television Studios, Montreal, with an attendance of 60. The meeting, primarily electronic in character, opened with a video-taped classroom lecture on elementary electronics. This was followed by an 8mm film accompanied by synchronized sound from a tape recorder, similar to the Eumig 8mm sound system.

The first paper, "Harmonic Distortion in Transistors at Audio Frequency," was given by E. F. Johnston of Northern Electric Co. Ltd., Ottawa. This talk was largely devoted to equations which proved out the relative distortion characteristics of silicon and alloyed germanium transistors.

The second speaker, N. Tomcio of Canadian General Electric, Toronto, gave a graphic and detailed description of the problems involved in the erection of the Mount Royal Multiple Transmitting Antenna System and the methods adopted to overcome the limitations imposed by the complexity of the system. When completed, the tower will function for 5 TV stations, 6 FM stations, at least 17 VHF transmitters, and also microwave facilities. Besides Mr. Tomcio's excellent slides, the erection of the tower was the subject of the 8mm film shown at the beginning of the program; this film was produced by Michael W. Barlow, CFCF-TV, a member of the Canadian Section.

After adjournment, the meeting was reconvened at the Granada Restaurant for a coffee get-together, courtesy of CFCF Television Studios.—Harold Hundert, Secretary-Treasurer, 129 Riverhead Dr., Hexdale, Ont.

At the Chicago Section April 10 meeting, approximately 100 members and guests enjoyed a demonstration of the stage lighting and sound facilities of the Aric Crown Theatre, McCormick Place. John Ditamore, Manager, Hall of Music, Purdue University, presented the program. Mr. Ditamore, a consultant, was in charge of the installation of the theater's stage and sound facilities.

The demonstration included the use of the various lighting arrangements and sound systems. Projection of 16mm and 35mm motion pictures, both small and wide screen, and examples of background slide projection were demonstrated. Following the talk, the group inspected the stage area, projection facilities and projection control room.—W. D. Hedden, Secretary-Treasurer, Calvin Productions, Inc., 1105 Truman Rd., Kansas City, Mo.

Approximately 150 members and guests of the Chicago Section enjoyed a pleasant evening May 22 touring the WGN-TV Station, Chicago. The subject of the evening was the use of color film in tele-

vision. Dick Hanse, Executive Producer, WGN-TV News, was the host for the evening.

Upon arriving at the studio members were escorted, in small groups, through the studio by station personnel. Ample time was available for questions and discussion about equipment and procedures. Three large new studios, control areas, and film-projection and video-tape departments were shown.

Following the tours, the entire group assembled for a talk and demonstration by Mr. Hanse on the use of color film for new purposes of color television. Numerous film examples were shown, and explanations of color news operations were given. The meeting concluded with refreshments in the studio cafeteria.—W. D. Hedden, *Secretary-Treasurer*, Calvin Productions, Inc., 1105 Truman Rd., Kansas City 6, Mo.

The May 15 meeting of the **Hollywood Section** was well attended (240 persons), taking into consideration that the 91st Convention had been successfully concluded early in the month.

The program opened with a presentation of the Academy Award-winning documentary, *Project Hope*. Glen G. Magnuson, Executive Vice-President, Kalvar Corp., described the Kalvar film process with special reference to its potential role in the motion-picture industry. Kalvar is a process which is sensitive only to ultraviolet light, is developed entirely by heat, and is capable of resolving 200 lines/mm. The process evoked a great deal of interest and a lively discussion followed.—John Kiel, *Secretary-Treasurer*, c/o Photo-Sonics, Inc., 820 South Mariposa St., Burbank, Calif.

The **Hollywood Section** meeting held April 17 at the 20th Century-Fox Studios offered an unusually interesting program on Academy Awards particularly the Scientific and Technical Award categories. Academy Award winners demonstrated and described winning equipments and techniques, following introductory remarks by John O. Aalberg, Chairman, Scientific and Technical Awards Committee, Academy of Motion Picture Arts and Sciences. The meeting was opened by an Academy Award winning cartoon film, *Ersatz*, produced by Zagreb Film, Herts-Lion International Corp.

The events on the program included the showing of a 35mm color film demonstrating the Technicolor Selective Printer. The demonstration was conducted by Wadsworth E. Pohl, Technical Director of Technicolor, who explained the technique, emphasizing its flexibility. The printer makes possible the selective deletion, shortening or interchange of scenes for different versions of a motion picture without recutting the negative. The demonstration included excerpts from live action films printed in several different ways.

The Sun Gun Professional, a 3-lb, 1000-w flood-lighting unit produced by Sylvania Electric Products Inc., was demonstrated and described by V. Russell Barden, Western Regional Sales Engineer. The unit can be held in the hand and plugged into a 110-v line to give as much light as a conventional 5-kw studio light.

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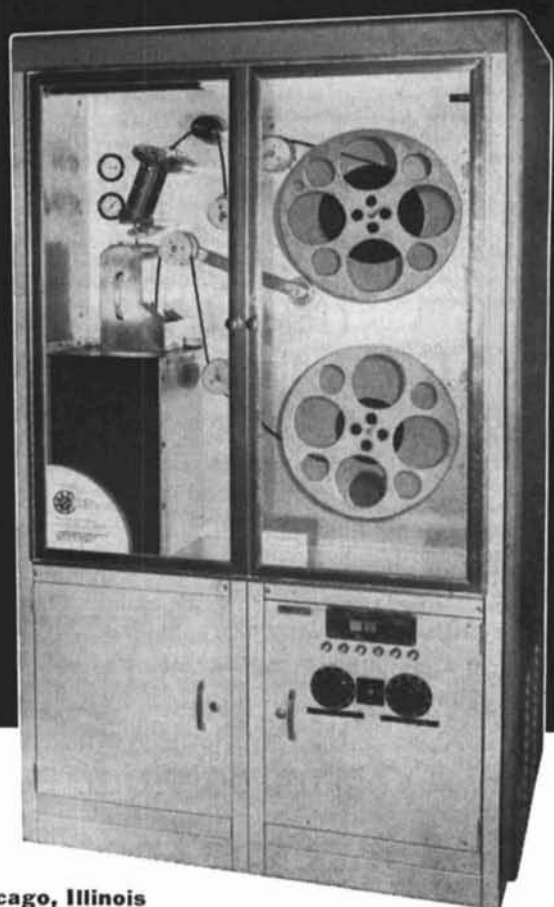
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The award-winning system of decompressing and recomposing CinemaScope pictures for conventional aspect ratios, developed by 20th Century-Fox Research Dept. and DeLuxe Laboratories, was demonstrated by Henry Goldfarb, Superintendent, DeLuxe Laboratories, West Coast Operation. The demonstration included the running of a print of a film as it appeared in the theater and the same print showing how it had been reduced for television.—John Kiel, *Secretary-Treasurer*, 820 S. Mariposa St., Burbank, Calif.

The Huntsville Section met on May 22 with an attendance of 54 members and guests. Prior to the meeting, guest speaker Jerry Lipsner, Lipsner-Smith Corp., joined the Officers and Board of Managers for dinner.

Mr. Lipsner gave a highly interesting and enlightening talk on the development and application of the Oscar-winning Ultrasonic Film Cleaner. A question-and-answer period and a demonstration of the film-cleaning process followed.

Steps to Saturn, a film presented by the NASA George C. Marshall Space Flight Center, was shown. The film spanned several years to show the milestone events leading to the development of the Saturn Missile.—Karl LaRoche, Jr., *Secretary-Treasurer*, 603 Chambers Circle, N.E., Huntsville, Ala.

The New York Section had an attendance of 130 members and friends at its

April 11 meeting. A demonstration of *Atoms at Work*, a three-film, three-screen motion picture produced for the Atomic Energy Commission and shown throughout Mexico and South America to large public audiences was presented together with a discussion of the complete project.

Al Woods, of Woods & Ramirez, described the AEC's educational and public information programs. He showed color slides of the *Atoms at Work* exhibit, which he had planned, including the large inflated structure that houses the motion-picture theater and educational exhibits.

Francis Thompson, Francis Thompson, Inc., who produced the motion picture, explained why the three-image format was chosen instead of other methods of wide-screen presentations, and also describe production details of the film.

Boyce Nemeec, Reevesound, Inc., described the projection, sound, interlock and control systems used. A lively discussion period followed.—Arthur J. Miller, *Secretary-Treasurer*, c/o Du Art Film Labs, 245 West 55th Street., New York 19, N.Y.

The Rochester Section met March 29 at the Rochester Institute of Technology Auditorium with an attendance of 25. Robert Frick, General Electric Co., reviewed educational systems in the U.S. and related the present shortage of good instruction to the need for visual aids in the classroom. Reasons for relatively slow progress in this field were outlined. The principal drawback was cited as the design and manufacture of present equipment for the

general consumer rather than the educator. Other detrimental factors were: poor equipment—difficult operation and high maintenance; sales methods of manufacturers; lack of integration of various media; unfortunate choice of terminology to describe machinery.

The speaker suggested the formation of a council for educational media, more teamwork between educators and industry, and more institutional advertising, as remedial measures. A lively discussion centering around the economic pros and cons of the program was held while coffee and doughnuts were served.—Harold H. Schroeder, Jr., *Secretary-Treasurer*, 77 Eastwood Trail, Rochester 9, N.Y.

On April 26, members of the **Rochester Section** were guests of WROC, Rochester, for an interesting and enlightening tour of their Broadcast Center. The 150 persons attending were impressed by both the expanse and facilities of the stage and studio installations. A highlight of the tour was the film department which has complete facilities for editing, storage, shipping and processing of slides and 16mm film. The music library includes transcriptions, tapes and recordings which permit programming of more than 25,000 selections. Complete woodworking and engineering shops combine with the Art Department to provide a large scenery and prop-construction capability.

After the tour, refreshments were provided. As a finale everyone enjoyed a colorcast of the Mitch Miller show.—D. Lisle Conway, *Secretary-Treasurer*, Maple Hill Farm, R.D.2, West Monroe, N.Y.

The San Francisco Section met on April 10 at the KGO-TV Studio with an attendance of 25. Guest speakers were Robert M. Betty and Edward T. Leakins, both of Lockheed Aircraft Corp. Films of motion pictures were shown depicting the various facets of photography used in missile-associated fields. The types of cameras and associated lenses which were used for this specialized field of photography were discussed. Methods used to recover cameras from fallen missiles and the painstaking work required to remove the film and reassemble the cameras were described.—Harry N. Jacobs, *Secretary-Treasurer*, 333 Buena Vista, Mill Valley, Calif.

The San Francisco Section met on May 15 with an attendance of 27. Ray DeGuire, Public Relations Representative, Rio Grande Western Railroad, presented two 16mm color publicity films which showed the impact of this medium in selling the railroads to the American people.

The first film presented the story of the California Zephyr, probably the most outstanding passenger service in the United States. Scenic views of the Sierras and the Rockies, as well as a description of the train's facilities, made up a most interesting and informative film.

The second film was a vivid story of the only remaining narrow-gauge railroad operating in this country, the Durango-Silverton which operates daily in an area of Colorado inaccessible by other means of



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transportation. The presentation was well received by a most interested audience.—Clifton R. Skinner, *Secretary-Treasurer*, c/o Skinner, Hirsch & Kaye, 336 Funston Ave., San Francisco 8, Calif.

The Washington Section met on April 17 at the National Academy of Science with an attendance of 43. George T. Keene, Color Technology Division, Eastman Kodak

Co., presented two papers: "Commercial Systems for Making 8mm Prints," and "Simulated Night Photography Using Color Reversal Films." The latter appeared in the October, 1961 *Journal*. Prior to the meeting, twenty-four Section Officers, Managers and other members attended a get-together dinner with the speaker.—Arthur Reacher, *Secretary-Treasurer*, c/o Capital Film Laboratories, Inc., 470 E St., S.W., Washington, D.C.

New Members

The following members have been added to the Society's rolls since the April 1962 Directory. Also listed are those regretfully reported as deceased. The designations of grades are the same as those used in the Directory. An up-to-date list of the Sustaining Members appears on the outside back cover of each month's Journal.

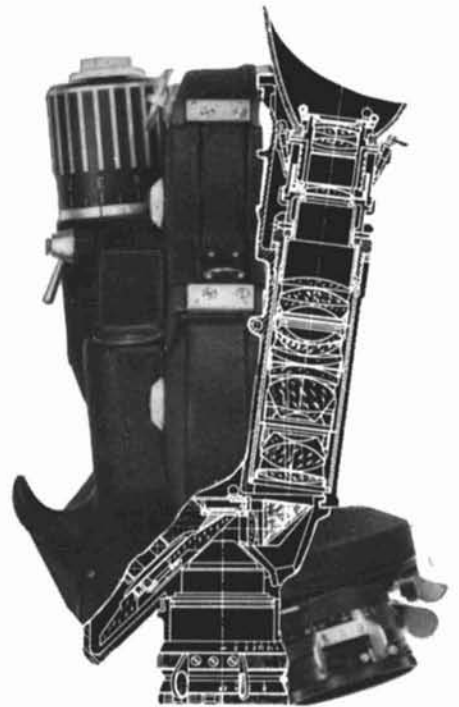
Fellow (F)	Active (M)	Associate (A)	Student (S)
Deceased:			
F. X. Bethencourt (A)	C. A. B. Betts (M)	J. L. Carlton (M)	R. A. Chesrow (M)
H. Knollmiller (M)	J. V. Rivera (A)	J. H. Spray (F)	P. C. Versput (A)

Abderhalden, Norman, Mot.-Pic. Film Techn. Mail: 1040 Milne Dr., Lockport, Ill. (A)
 Adams, C. Carroll, III, Mot.-Pic. Supvr., Surel, Inc. Mail: 1461 N. Michigan Ave., Pasadena, Calif. (A)
 Adams, James Michael, Univ. Calif. L. A. Mail: 959 Gayley Ave., Apt. 14, Los Angeles 24. (S)
 Aitkens, John R., Vice-Pres., Administra., General Film Laboratories. Mail: 1546 N. Argyle Ave., Hollywood 28. (A)
 Anderson, Terence, Film Supvr., KHJ-TV. Mail: 15079 Encanto Dr., Sherman Oaks, Calif. (A)
 Andrews, Stanley J., Jr., Sr. Mot.-Pic. Cameraman. Mail: 4049 W. 107 St., Oak Lawn, Ill. (A)
 Azarmi, Mehrdad, Univ. Calif. L. A. Mail: 1531 Corinth Ave., Apt. 6, Los Angeles 25. (S)

Ballentine, Edward W., Pres., Television-Tape Syndicate, Inc. Mail: 433 S. Beverly Dr., Beverly Hills, Calif. (M)
 Barnett, Edward, N.Y. Univ. Mail: 25 Marshall St., Oceanside, L.I., N.Y. (S)
 Bartholomew, Henry Gordon, Eng., Edgerton, Germeshausen & Grier. Mail: 5813 Shawnee Ave., Las Vegas, Nev. (A)
 Bauer, Richard W., Photo Eng., Eastman Kodak Co. Mail: 3411 Latta Rd., Rochester 12, N.Y. (A)
 Becker, Raymond B., Head, Mot.-Pic. Process., U.S. NOTS. Mail: 49-B Ashworth Pl., China Lake, Calif. (A)
 Berry, Darold W., Mot.-Pic. Industrial Photo., General Dynamics/Astronautics. Mail: 6945 Bruce Ct., La Mesa, Calif. (A)
 Beste, Harold E., Chief Electr. Eng., Vare Industries. Mail: 13 Woodland Ave., Verona, N.J. (M)
 Betterton, Joseph C., Chief, Lab. Sect., Pict. Br., Post Sig., Redstone Arsenal. Mail: 311 Holmes Ave., N.E., Huntsville, Ala. (A)
 Bistrom, Lars Henrik Mikael, Univ. Calif. L. A. Mail: 500 Landfair Ave., Los Angeles 24. (S)
 Blay, Stanley C., Cameraman, V.A.C., Liberian Inf. Service. Mail: % H. E. Farmer, Dept. of Cinema, University of Southern California, Los Angeles. (A)
 Boonshaft, Louis D., Jr., Video Tape Editor, National Broadcasting Company. Mail: 1780 Thurber Pl., Burbank, Calif. (A)
 Bourret, Rev. Phillip L., S.J., Dir., Kuang Chi Educational Program Service. Mail: Roosevelt Road 4-17-2, Taipei, Taiwan. (A)
 Briggs, Edward L., Color Control, Consolidated Film Industries. Mail: 1238 1/2 El Centro Ave., Hollywood 38. (A)
 Brot, Pierre, Patent Attorney, Mail: 34, Avenue de l'Opera, Paris (2^e), France. (A)
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 Burrell, Ralph R., Public Relations Dept., Union Pacific Railroad Co. Mail: 12937 Archwood St., N. Hollywood. (A)
 Burwell, E. D., Jr., Pres., Universal Photo Shop. Mail: 1405 E. Olive Dr., S.E., Huntsville, Ala. (M)
 Butler, James C., Sales, Universal Photo Shop. Mail: 1207 Big Cove Rd., Huntsville, Ala. (A)

Camodeco, Vincent Edward, Jr., Service Eng., Ralke Co. Mail: 4233 Rosewood Ave. #2, Hollywood. (A)
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 Carroll, John A., Asst. Chief Eng., WHBQ-TV. Mail: Box 176, Memphis 1, Tenn. (A)
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 Clark, Frank P., Univ. So. Calif. Mail: 622 26 St., Santa Monica, Calif. (S)
 Clay, B. R., Eng. Scientist, RCA Aerospace Div. Mail: 55 Sedgemoor Rd., Wayland, Mass. (A)
 Coffey, Robert S., Mech. Eng., M.G.M. Labs. Mail: 3826 W. 119 St., Hawthorne, Calif. (A)
 Cohen Sol J., Sec.-Treas., Mgr., Permafilm of Calif., Inc. Mail: 7264 Melrose Ave., Los Angeles 46. (A)
 Conrad, Charles P., Pres., General Mgr., Crestwood Laboratories, Inc., 118 W. Ohio St., Chicago 10. (A)
 Cook, Stephen Bernard, Sales Mgr., Arriflex Div., Braun of Canada Egpt. Ltd. Mail: 45 Smithwood Dr., Islington, Ont., Can. (A)
 Cooper, Allen Brent, Darkroom Techn., Thiokol Chemical Corp., Redstone Div. Mail: R.D. 1, Grant, Ala. (A)
 Cope, Gerald B., Mgr., Optics Engrg., Missile Test Proj., RCA Service Co., Patrick AFB. Mail: 1263 Whitmore Dr., Eau Gallie, Fla. (A)
 Corbett, Patrick H., Free-Lance Cameraman, 4857 "A" Fulton Ave., Sherman Oaks, Calif. (A)
 Cordell, Wendell A., Mot.-Pic. Printer RCA Service Co., Redstone Arsenal. Mail: 2422 Tuxedo Dr., Huntsville, Ala. (A)
 Cortez, Stanley, Free-Lance Dir., Photo., 1512 Sunset Plaza Dr., Los Angeles 46. (A)
 Cox, O. H., Mot.-Pic. Project Officer, Sig. Div., Redstone Arsenal. Mail: 2020 Hansel Ave., Huntsville, Ala. (A)
 Culley, Lester D., Supvr., Tech. Opera., National Broadcasting Company. Mail: 6311 Heather Dr., Hollywood 28, Calif. (A)
 Davis, Joe H., Writer, Dir., Producer, Eng. III, Thiokol Chemical Corp., Redstone Div. Mail: 611 Madison St., Apt. C-3, Huntsville, Ala. (M)
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