

Books, Booklets, Brochures

Super Orcon Xenon Lamphouse Systems are described in a 4-page color brochure available upon request from Optical Radiation Corp., 6352 North Irwindale Ave., Azusa, CA 91702. The brochure describes six different models capable of projecting an output of 11,000 to 55,000 lm. One of the main features of the Super Orcon line is the relocation of all heat-sensitive electronic components from inside the lamphouse to an air-cooled enclosure on top of the lamphouse. More direct bulb-end seal cooling has been added for longer bulb life.

The 1977 Index to Kodak Information (L-5), listing more than 800 of Eastman Kodak's most popular books, photoguides and pamphlets, is available upon request from IPD Customer Services, Eastman Kodak Co., 343 State St., Rochester, NY 14650. The listings cover such photographic categories as amateur photography, professional and scientific photography, radiography, microfilm techniques, audiovisual and others. Cross references and alphabetical listings by subject and by product make the index easy to use. Also available from the same address is a "coat-pocket" (4 X 9 in) abbreviated listing entitled *Photography Books From Kodak (L-3)*.

Publications About Media, an illustrated folder listing books, filmstrips, instructors' manuals and special print and nonprint packages is available upon request from the Association for Educational Communications and Technology, 1126 16th St., N.W., Washington, DC 20036. The print and nonprint packages are on Media and Library Programs; Developing the Profession; Media Personnel; Instructional Materials — Design Evaluation and Use; Visual Literacy; and Research and Theory. The books, booklets, manuals, filmstrips, etc. can also be ordered separately.

The Metric Yearbook (3rd edition) is available from the publishers, J. J. Keller & Associates, 145 West Wisconsin Ave., Nennah, WI 54956, at a price of \$14 for a single copy or \$9.50 each for two to five copies on the same order. The 200-page *Yearbook* contains summaries of significant metric developments during the past year in business and industry, education and government. Reports are included from companies of various types and sizes on their efforts toward bringing about metrication.

What About Metric? a guidebook first published in 1973 has been extensively revised and updated. The new edition is available from the Consumer Information Center, U.S. National Bureau of Standards, Pueblo, CO 81009, at a price of 35 cents. The booklet gives the reader a basic, non-technical primer on the metric system of measurement. Simple explanations of metric units are supplemented by three common weights and measures problems that illustrate the advantages of using the decimal-based metric system instead of the English system.

The Lighting Handbook (6th edition) and a new brochure on studio, theater and television lamps have been published by GTE Sylvania, Inc. Both publications are available from GTE Marketing Services Center, 70 Empire Drive, West Seneca, NY 14224. *The Lighting Handbook (L-573)* is

designed as a reference for lighting designers, professional photographers, scenic designers, cinematographers, design engineers and other professionals engaged in theater, television or film lighting. It is available at no cost for a single copy and 40 cents each for two or more copies.

The lamp catalog (STTV-117) is a 38-page publication providing detailed technical information on the company's studio, theater and television lamps with the various types depicted in both drawings and photographs. It is available free of charge.

The JVC illustrated catalog listing the 1977 line of color video products, systems and accessories is available from JVC Industries, Inc., 58-75 Queens Midtown Expwy., Maspeth, NY 11378. Videocassette equipment including JVC's 3/4-in U color players and player-recorders (with or without built-in tuners) as well as electronic editing VCRs and a new remote control unit are fully described. Portable color systems incorporating the two-tube GC-4800U color camera and 3/4-in U videocassette recorders or 1/2-in EIAJ videotape recorders are described in detail. The catalog also shows a studio system based on the three-tube NU-1800U color camera and related equipment.

Television camera tube sensitivity is compared graphically on a new chart available upon request from Cohu, Inc., Electronics Division, Box 623, San Diego, CA 92112. Image pickup tubes ranging from the standard vidicon to the intensified image isocon are listed. Also listed are silicon target, silicon intensified target and color image isocon. Comparison of operating light values for each tube are shown in lm/ft². Light

values are also compared to the natural light range from midday sunlight to overcast starlight. Included on the chart is a listing of Cohu low light television cameras with a brief description of each camera.

A 4-page illustrated spec/data sheet describing Miletus film data recording systems in BCD or 7-segment formats is available from Instrumentation Marketing Corp., 820 S. Mariposa St., Burbank, CA 91506. The Miletus film data recording system designed around CMOS technology, adaptable to most 16mm, 35mm and 70mm cameras, such as Photo-Sonics, Teledyne, Red Lake, etc., is designed for recording on every frame up to 10,000 frames/s depending on the type of camera.

The Comquip 1977 Cine Shopper Catalog, describing the firm's full line of new and pre-owned motion-picture equipment, is available upon request from Comquip, Inc., 366 S. Maple Ave., Glen Rock, NJ 07452. The catalog lists all types of cameras and accessories including sound gear, editing, projection, laboratory and lighting as well as production aids and accessories.

The TCF-3000 Broadcast Color Film Camera is described in an 8-page brochure available from TeleMation, Inc., P.O. Box 15068, Salt Lake City, UT 84115. The brochure also describes the CA-3000 Auto Color Balance/Auto Gamma option including such features as color masking, built-in image enhancement, film gamma correction, automatic gain stabilization, automatic black-and-white levels and video reversal. In addition the brochure outlines in diagram form the projector/multiplexer interface versatility of the TCF-3000.



Section Meetings

Dallas/Fort Worth, 4 Apr. — The meeting was held at the University of Texas Health Science Center in Dallas with an attendance of 30 members and guests. The program consisted of a Special Workshop on Lighting Basics conducted by Mel Rimmer of Berkey/Colortran. Rimmer emphasized that most people do not use the right type of lighting fixture for the job at hand — usually they choose one that is hanging in the right place and adapt it. His presentation focused on the various types of fixtures in the industry and their best uses and possible disadvantages. "There are no laws or rules for lighting," he said, "only values of direction, quality, quantity and color. These must be adapted to the specific need. Remember the Lighting Director is an artist and a shadow mover." He then provided examples using equipment set up in the lecture hall as each type of fixture was reviewed. Rimmer also provided information on the care of equipment and basic maintenance. He also discussed the selection and specifications of the equipment and the use of portable dimming systems especially in regard to lamp life and power consumption.

The meeting concluded with a brief discussion of HMI lighting noting its advantages and dis-

advantages. A lively question-and-answer period followed the presentation. — Paul F. Brown (Secretary-Treasurer), Southern Baptist Radio & Television Commission, 6350 West Freeway, Fort Worth, TX 76116.

Detroit, 19 Apr. — The meeting was held in Studio 2 of WJBK-TV2 with an attendance of 55 members and guests. Alfred Roussin, Manager of Engineering for General Electric Co., recounted the history of General Electric's research and development of the GE large screen color television projector. Originally planned as a consumer unit, Roussin said, it has found application in business and public communications. Eighteen units of the current model, PJ-5000, are in use in television broadcast stations. Other applications include display of computer-generated alpha-numeric and graphic information in locations as diverse as banks and race tracks.

Harry Owen, Chief Engineer for WJBK, demonstrated TV2's News Room video projection installation. Two GE PJ-5000 color video projectors feed rear screens by way of first surface mirrors. The image is about 6 X 8 ft and maintains equivalent brightness and contrast to

the live foreground action. — John D. Mayberry (Secretary-Treasurer), Ford Motor Co. Photo-media Dept., The American Rd., WHQ Bldg., Dearborn, MI 48121.

Hollywood, 15 Mar. — The meeting, held jointly with the local section of the Society of Photographic Scientists and Engineers at Melnitz Hall, University of California, Los Angeles, was attended by 185 members and guests. Pete Comandini, Director of Technical Sales for Image Transform Inc., provided a presentation entitled "The History of Tape-to-Film Recording." Early kinescope scenes from film shows such as *The Donald O'Connor Show*; *200 Motels*; and *Oh! Calcutta* illustrated problems with noise, smearing, chroma crawl and contrast control.

A satellite transmission from the Russian Space Center to London for transfer and then rebroadcast via satellite to Houston demonstrated the modern technologies employed in signal processing for noise control, smear correction, image enhancing, etc. Clips from *All in the Family* and *The Invisible Man* also showed the value of signal processing.

Give 'em Hell Harry and *Norman, Is That You?* demonstrated modern 655-line best efforts to record on tape and release on film. A brief discussion was given on the scene-to-scene timing and processing for the television film-to-tape release of *Gone With the Wind*. The presentation was followed by a brief question-and-answer period at which a number of very perceptive questions were asked and answered. — Frank "Pete" Clark (Secretary-Treasurer), 1011 Fourth St. # 208, Santa Monica, CA 90403.

Hollywood, 19 Apr. — The meeting was held at the 20th Century-Fox Theater on the Fox studio lot, arrangements having been made through the courtesy of Bernie Barron and his staff. Some 190 members and guests were present. Don Kloepfel gave a very comprehensive presentation on "The History of Wide Screen Formats in Motion Pictures and Unusual Film Formats." Using slides and film Kloepfel illustrated different film formats from 9.5mm center perforation pulldown up to the 70mm by 15 perforations horizontal Imax format. Clips, made available from the 20th Century-Fox film archives — *The Robe*, *The Omen*, *Silver Streak*, *Sound of Music*, and *Poseidon Adventure* — were shown, and also a clip from *Cleveland*, a fish-eye-lens film for domed theaters, was projected "flat" on a flat screen. Excellent 35mm slides and lantern slides were shown through the courtesy of the Academy of Motion Picture Arts and Sciences. Many of these old-format slides had been restored and re-photographed by Kemp Niver. — Frank "Pete" Clark (Secretary-Treasurer), 1011 4th St., Santa Monica, CA 90403.

Nashville, 7 Apr. — The meeting was held at the WNGE studios in Nashville with an attendance of 47 members and guests. The speaker was Mel Rimmer of Berkey/Colortran who presented a paper on "What's New in Lighting" and provided demonstrations on basic lighting. During the demonstrations Rimmer showed the effect of various positions and intensities of key, modeling, fill and back lighting. He used a General Electric studio camera with two color monitors for the demonstrations. For the second part of the program, Rimmer demonstrated Colortran's new computer dimmer controller. The device has the capability of controlling 64 dimmers and has a 99-scene memory. — Lee

Whitehurst (Secretary-Treasurer), WSM, Inc., P.O. Box 100, Nashville, TN 37202.

New England, 14 Apr. — The meeting was held at Howard Johnson's Motor Lodge in Newton, Mass., with an attendance of 12 members and guests. The speakers, both from Tektronix, were Frank Shufelt and Jud Crandall who gave a presentation on Digital Video/Logic Analysis. The presentation included a number of color videotapes and a demonstration of the new Tektronix Logic-Analyser Oscilloscope. A lively question-and-answer period followed the presentation. — John P. Olsen (Secretary-Treasurer), Foxboro Corp., Neponset Ave., Foxboro, MA 02035.

New York, 12 Apr. — The meeting was held at the United Engineering Center with an attendance of 120 members and guests. The speakers were Friedrich Onderka, of Ehrenreich Photo-Optical Industries, and Stan Miller, of Rosco Laboratories. Onderka demonstrated the new small Bolex 16mm H16EL lightweight camera. He also showed a matte box which he placed on the front of the camera. He then demonstrated the how many special effects could be produced without resorting to expensive post-production opticals. He then presented a 16mm color film to demonstrate his techniques, the film showing the in-camera special effects made possible through the use of the matte box.

Miller presented a paper and provided a demonstration of the portable HMI 200-W lighting system. The light is extremely efficient and provides a color temperature of 5600 K. — Richard Marcus (Reporter), Rombex Productions Corp.; home address: 1380 Riverside Dr., New York, NY 10033.

Philadelphia, 9 May — The meeting was held at the Veterans Memorial Stadium with an attendance of 45 members and guests. Two films were presented. The first, *What Film Means to Professional Football*, was presented by John Roland, Offence Coach, and Rod Rust, Defense Coach, both with the Philadelphia Eagles. The presentation covered the many facets of the use of films in preparing Eagles players and coaches for upcoming games. Examples of film footages were shown and discussed. In addition, Mike McLaughlin, Eagles cameraman, described his methods of filming every drill and practice session so that all plays would be available for analysis. The second film, *The Son of Football Follies*, showed outcuts of most of the major goofs filmed during practices or regular games. The film was narrated by Mel Blanc who used the voices of his famous characters including Bugs Bunny, Porky Pig, Sylvester the Cat, and Yosemite Sam. — Irwin L. Ross (Secretary-Treasurer), WPVI-TV, 4100 City Ave., Philadelphia, PA 19131.

Rochester, 5 Jan. — The meeting was held at the RIT Media Production Center with an attendance of 15 members and guests. The speakers — all from the Media Production Center — were William F. Lehman, Director; David Abbot, Producer/Designer; and Larry McKnight, Production Manager. The program was designed to show how the Media Production Center works and what kind of programs and services it provides for the Institute (Rochester Institute of Technology). Several segments of instructional programs on videotape were presented. The presentations were followed by a tour of the facilities with members of the group being encouraged to ask questions. A student

(class) production was in progress and we were able to observe on monitors what they were doing. — Paul L. Gordon (Program Chairman), MP&AVMD Kodak Office, Dept. 642, Rochester, NY 14650.

Rocky Mountain, 22 Mar. — The meeting was held at Lowry Air Force Base with an attendance of 31 members and guests. The 3430th Technical Training Group at Lowry Air Force Base, headed by Col. Dale Boggie, was host of the meeting. This group is responsible for Air Force and Army photographic and television training.

The meeting began with a briefing on the overall mission of the training group and the methods of training. This was followed by a tour of the photographic training facility which provides training for motion-picture and still photography and processing and also training for editing and handling the film. The Museum of Aerospace Photography is housed in this facility.

A tour of the Television Training Facility followed the tour of the Photographic Section. Instructors were on hand in each section to explain the use of the equipment and the nature of the courses. — Philip C. Vogel, Jr., Eastman Kodak Co., 5555 South Trenton B-5, Denver, CO 80110.

Rocky Mountain, 21 Apr. — The meeting was held at Duca-Richardson Corp.'s facilities in Wheatridge, Colo. with the President, Bob Richardson, acting as host. The firm manufactures primarily video/audio switching systems. Richardson demonstrated the Duca-Richardson 4000 series switchers and then conducted a tour of the plant. Some 45 members and guests were present. — Philip C. Vogel, Jr. (Secretary-Treasurer), Eastman Kodak Co., 5555 South Trenton B-5, Denver, CO 80110.

Toronto, 12 Apr. — The meeting, held jointly with the Canadian Society of Cinematographers, was attended by 125 members and guests of both societies. Held in the Photo Arts Building of Ryerson Polytechnical Institute, the principal speaker was Edmund DiGiulio of Cinema Products Corp. DiGiulio presented a tutorial paper on Film vs Videotape. Searching questions from the audience followed the presentation. After refreshments, supplied through the courtesy of Alex L. Clark Ltd., DiGiulio demonstrated the Steadicam system of camera support. — R. J. Brule (Secretary-Treasurer), 3M Company, 790 Wellington St., London, Ont., Canada.

Washington, 4 May — The meeting was held at the American Red Cross AV Production Center with an attendance of 65 members and guests. Frank McGeary and Blaine Baker, both of MPL in Memphis, presented side-by-side screen comparisons of a wide variety of camera intermediate and print films. The comparisons included prints of all the commonly used camera films and a screening of the new high-speed Video News Film type 7250 recently introduced by Eastman Kodak Co. Baker provided a demonstration of tape-to-film transfers dating from the early days of kine to the current state-of-the-art at MPL. The demonstration included various tape formats and sizes as well as different cameras. The meeting was preceded by a dinner at the Jolly Ox in Alexandria. — Charles F. Wilkinson, Jr. (Secretary-Treasurer), Eastman Kodak Co., 500 12th St., S.W., Washington, DC 20024.