

## Education, Industry News

The American Society of Cinematographers has established a Research and Education Committee. Announcement was made by William Daniels, ASC President. Activities of the new committee will include working closely with motion-picture studios, industries, and technicians on long-range programs and developmental work. It will also disseminate information on trends within the motion-picture industry, new equipment, processes, etc. Another of its services will be handling the exchange of technical information between different departments of the major studios with the intent of solving problems and in proving procedures involved in day-to-day production operations. In many respects the work of the new committee will parallel that of the Motion Picture Research Council, disbanded in March, 1960.

Chairman of the ASC Research and Education Committee is Walter Beyer, formerly MPRC staff engineer. Appointment of committee members has been announced. Those presently appointed include Gordon Avil, Mark Davis, George Folsey, Robert Hoag, Winton Hoch, Wallace Kelley, Harold Lipstein, Ray Johnson and Douglas Shearer.

Dr. Albert Narath, President of the Deutsche Kinotechnische Gesellschaft—Germany's professional motion-picture engineering society—was the recipient of his Society's highest award, the Oskar Messter Medal, during the annual meeting of the DKG held in Berlin last April. The award was in recognition of Dr. Narath's many contributions to the art of sound-on-film recording. *Journal* readers will recall that a paper by Dr. Narath on "Oskar Messter and His Work" was published in the October 1960 issue.

The Deutsche Kinotechnische Gesellschaft has followed the same course that the SMPTE adopted in 1950 in changing its name to show the addition of television to its field of reference. At its annual meeting held in Berlin last April the Society voted to change its name officially to: Deutsche Kinotechnische Gesellschaft für Film und Fernsehen e.V.

The Brooks Institute of Photography, Santa Barbara, Calif., has been authorized by the California State Board of Education to award the degree of Bachelor of Professional Arts, according to a recent announcement. A special curriculum has been set up to conform with State Board requirements. The Institute also announced the appointment of Russel L. Furse to the post of Supervisor of the Motion Picture Department.

**August Heat**, a film produced by students in the Department of Theater Arts, University of California, Los Angeles, was given an Award of Merit at the 1961 Vancouver International Film Festival, the only student-made motion picture from the United States thus honored at this festival. It was directed by a graduate student, Martin Zweiback. Both graduate

THE *light* TOUCH

IN  
AUTOMATION  
AND  
CONTROL

(Our robot's "eye" is the end view of a CL-605)

Clairex Photoconductive Cells, like the human eye, are "windows to the world" of control system design. Our continually expanding line now includes the 5-1 series of hermetically sealed Cadmium Sulphide cells, employing a sensitive material formulation that matches the spectral sensitivity of the human eye! These are the first real "electronic eyes" and thus are particularly useful in applications involving human vision . . . such as Daylight Switches, Photography, and Automatic Brightness Control in Television Receivers.

**CLAIREX**  
CORPORATION

and New Facilities . . . to meet Growing Needs  
8 WEST 30 STREET, NEW YORK 1, N. Y. • MU 4-0940

and undergraduate students participated in the production.

**A Seminar on Photographic Instrumentation**, sponsored by Photographic Analysis Co., 100 Rock Hill Road, Clifton, N.J., will be held November 14-16. Intended primarily for engineers, scientists and technical photographers, subjects covered will include basic theories and terms of photography, types of film, processing methods, optics, available equipment and techniques. The first two days of the Seminar will be given over to talks by authorities in the various related fields and to round-table discussions, followed on the last day by a workshop stressing new developments and applications.

**"Greater World Understanding Through International Television"** is the theme, according to plans just announced for the First International Assembly of the Academy of Television Arts and Sciences to be held in New York, November 4-11, 1961. Representatives of all phases of television, artists, technicians and administrators and from various countries throughout the world will participate. Categories of discussion include educational and scientific. Technical subjects on the agenda include Satellite Repeaters for Television; International Color Television; and Tape Standards — Standards Converter. Additional information is available from Academy of Television Arts and Sciences, 30 W. 54 St., New York 19.

**The IFIP Congress 62**, sponsored by International Federation of Information Processing Societies (IFIPS), will be held in Munich, August 27 to September 1, 1962. The U.S. member of IFIPS is AFIPS, newly formed from the Joint Computer Committee established ten years ago by the AIEE, IRE and the Association for Computing Machinery. The 1962 meeting will continue the activities of the International Conference on Information Processing, sponsored by UNESCO in Paris in June, 1959. Papers presented at the technical sessions will discuss new developments in the data processing field. An exhibit of new equipment will be held. Additional information is available from Charles W. Adams, c/o IFIP Congress 62, 142 the Great Road, Bedford, Mass.

**Richard J. Soltys**, President of Soltys Productions, producers of technical and industrial motion pictures, has announced plans for expansion. The firm engages in all phases of production, including directing, writing, editing and photography in 16mm and 35mm. Types of films produced include documentary, training, public relations, advertising, TV commercials and military progress reports.

**Natural Lighting Corp.**, of Burbank, Calif., has announced expansion of its manufacturing facilities to accommodate production of the newly developed Fotosure identification camera. A recently constructed building brings the total plant space to 18,000 sq ft.

**The new address** of the Central Division of General Film Laboratories, of Hollywood, is 1828 Walnut Street, Kansas City 8, Missouri.

**Producers Service Co.** division of Boothe Leasing Corp. has moved from Burbank, Calif., to 1145 N. McCadden Place, Hollywood. A new building covers 6000 sq ft and includes offices, studios and a machine, maintenance and repair shop.

**A total of 130 motion-picture theaters** throughout the United States are now equipped with Norelco 70mm projection equipment, according to information released by North American Philips Co., 100 E. 42 St., New York 17. Among theaters so equipped are the 1600-car North Star Drive-In in Denver and (recently) the Cheltenham in Philadelphia and the Warner's in Erie, Pa., both Stanley Warner theaters.

**A contract between the U.S. Air Force and Magnasync Corp.**, North Hollywood, announced by D. J. White, Magnasync President, specifies delivery of 300 Model T-1510 recording systems and 141 reproducers. These are now in production. The systems are slated for MATS installations throughout the world. The largest of these systems can handle 50 simultaneous aircraft-to-tower conversations on a 24-hour basis.

**A television program automation system** developed by Visual Electronics Corp., 356



**OUR SERVICE & DEPENDABILITY  
KNOWN THE WORLD OVER**

**CAMART DUAL SOUND EDITOR MODEL SB 111**



**LOWELITE KIT**

- Uses R-40 Reflector bulbs 150 to 500 watts.
- Mounts on anything
- Use ordinary bulbs attached to colortran converter and boost from current to powerful lighting.
- 5 lights, case, large roll of Gaffer tape \$34.95 Barndoors each \$5.75  
De Luxe consists of 5 Lowelites, 5 Barndoors 2 rolls gaffer tape, large case \$57.95

**CAMART TIGHTWIND ADAPTER**

The only tight-wind adapter with Ball bearing roller.

- Completely scratch proof.
- Chrome plated prevents cinching or abrasions.
- Winds film quickly and evenly.
- Single unit for 16mm and 35mm.
- Fits any rewind.

**\$34.95 FOB N.Y.**

Send for new 1961 Catalog

Edit single and double system 16mm or 35mm optical sound.  
Edit single system Magnastripe or double system magnetic sound. Use with any 16mm motion picture viewer to obtain perfect lip-sync matching of picture to track. Works from left to right or right to left.

Dual Editor (without viewer)..... **\$195.00**  
Zeiss Moviscop Viewer..... **\$96.00**  
Special Editor Viewer Comb..... **\$269.50**





**the CAMERA MART inc.**

1845 BROADWAY (at 60th St.) NEW YORK 23 • Plaza 7-6977 • Cable: Camerarmart

at Columbus Circle next to New York's new Coliseum

in the east... it's  
**MOVIELAB**

for

**color\***

and

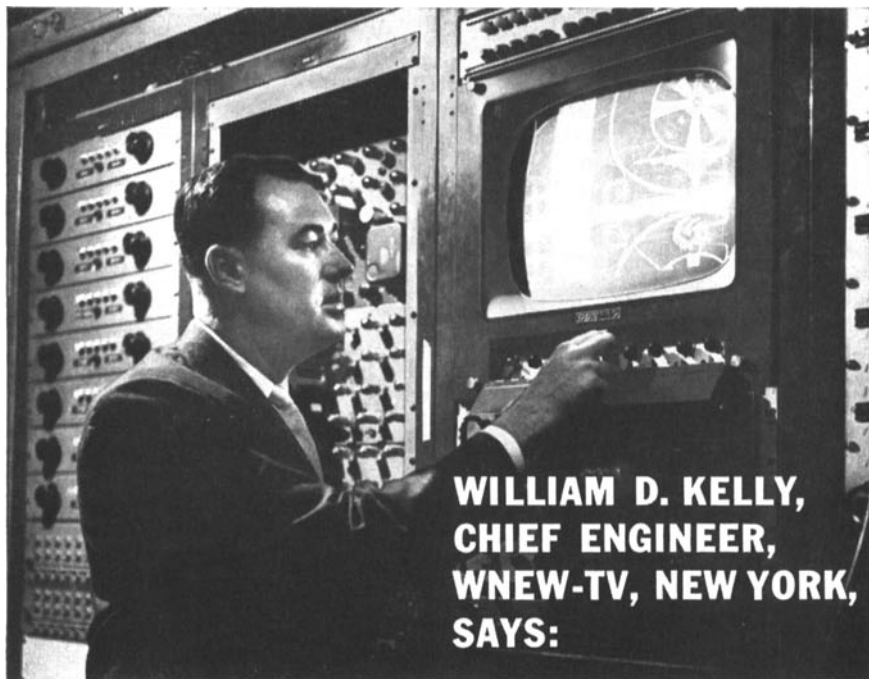
**black**

**&**  
**white**

**MOVIELAB**

MOVIELAB FILM LABORATORIES  
MOVIELAB BUILDING, 619 W. 54th ST.  
NEW YORK 19, N. Y. JUDSON 6-0360

\* developing color negatives • additive color printing • reduction printing including A & B • color slide film processing • blowups • internegatives • Kodachrome scene-to-scene color balanced printing • Ektachrome developing and printing • registration printing • plus complete black and white facilities including cutting rooms, storage rooms and the finest screening facilities in the east.



**WILLIAM D. KELLY,  
CHIEF ENGINEER,  
WNEW-TV, NEW YORK,  
SAYS:**

"It's a big help in examining our video signal to assure perfect synchronization and to quickly determine the quality of the sync pulses," Mr. Kelly adds. "This is by far the most versatile and useful monitor we have ever used."

The new Conrac fully regulated monitor will display either sync or normal picture at the flick of a switch. The 3-position, front-panel switch permits selection between normal picture, pulse cross, and pulse cross expanded. In the last position, vertical expansion of approximately five times shows each horizontal line clearly. In both pulse cross positions, video is inverted (black is white) and auxiliary brightness is provided. Thus, pulse cross brightness can be preset at a different level from that employed when viewing the normal picture.

Mr. Kelly's appraisal of this monitor and his experience with other Conrac monitors is not unusual. Consistency in quality, dependability, and versatility are Conrac characteristics known and preferred wherever a need for monitors exists in the broadcasting industry.

**"OUR NEW  
CONRAC  
PICTURE/PULSE  
CROSS MONITORS  
IMPROVED OUR  
OPERATING  
EFFICIENCY."**

**FROM 8" THROUGH 27", BROADCAST AND UTILITY, EVERY CONRAC MONITOR HAS A COMBINATION OF UNIQUE FEATURES.**

- ★ Video response flat to 10 megacycles
- ★ DC restorer with "in-out" switch
- ★ Selector switch for operation from external sync
- ★ Video line terminating resistor and switch



**CONRAC MONITORS ARE DISTRIBUTED BY RCA, GENERAL ELECTRIC, AMPEX, AND VISUAL ELECTRONICS**

**CONRAC**

**DIVISION** Glendora, California

A DIVISION OF GIANNINI CONTROLS CORPORATION

GCC 1-34

Makers of Fine Fleetwood Home Television Systems • Telephone: Covina, California, EDgewood 5-0541

W. 40 St., New York 18, has been installed at WDSU-TV Channel 6, New Orleans. The system uses punched paper tape to control daily program operations. Video and audio signals are switched on the air automatically, projectors are turned on and multiplex mirrors switched according to a predetermined schedule. The system is also arranged to put film projectors and videotape machines in operation a specific number of seconds before broadcast time to stabilize their speeds. An automatic switch then puts the program on the air. This system, now commercially available and designated the Visual 6000, was the subject of a paper by F. Cecil Grace and Charles E. Spicer published in the March 1961 *Journal* (pp. 150-155).

The seven stories of steel and glass of the new physics research building of Eastman Kodak Co., Rochester, N.Y., encloses 200,000 sq ft of floor space, contains more than 200 special rooms designed especially for research in such fields as theory of the photographic process, image structure, optical systems, sensitometry, radiography, sound recording, electrostatics and solid state physics, and can accommodate a staff of about 400 persons. An optical penthouse located on the roof is designed for use in research in problems involving long-range photography and solar radiation. An underground lens tunnel, 160 ft long, 10 ft wide and 10 ft high is designed to maintain a constantly controlled temperature and is planned for use in studies of lens systems.

Precision Laboratories, Division of Precision Cine Equipment Corp., 1037 Utica Ave., Brooklyn, has moved to a new building and is now located at 928-930 E. 51 St., Brooklyn 3, N.Y. The new building, designed by the firm, has been constructed to house its special services as efficiently as possible. The firm's activities include the engineering, design and rebuilding of motion-picture and TV lab. equipment.

A plan to combine Ampex Instrumentation Products Co. and Ampex Video Products Co. into one organization called the Northern California Operations Group has been announced by Ampex Corp. 934 Charter St., Redwood City, Calif. Robert Sackman will act as Director of the group. He is presently Ampex Vice-President and Manager of Ampex Computer Products Co. The move has been announced as part of a long-range program of centralization of research and development, and sales and service activities.

Formation of a new company, Soundcraft Magnetics, Ltd., Haddenham, Bucks, England, has been announced jointly by Frank B. Rogers, Jr., Executive Vice-President of Reeves Soundcraft Corp., Danbury, Conn., and Sir Eric Ohlson, Bt., Chairman of the British firm of Airtch, Ltd. Sir Eric will be Chairman of the new firm and F. S. G. Codling will be Managing Director. Immediate plans for the new firm include sale of Soundcraft products throughout Great Britain and plans for the future include production of magnetic tape. The new company was formed to meet "the exploding demand for magnetic tape products in Great Britain," the announcement stated.

# DIAGNOSIS KNOWN

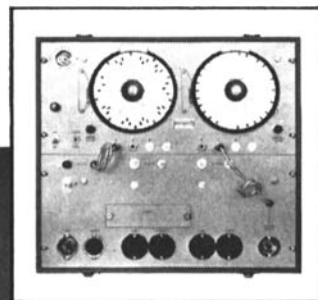
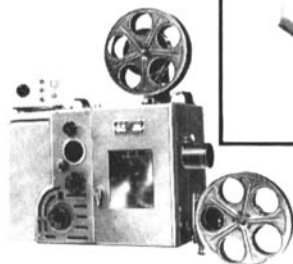
when you  
bring your  
photo-  
instrumentation  
problems to  
**CECO\***

CECO offers America's greatest collection of instrumentation equipment. CECO engineers offer a world of pioneering know-how. That's why more photo-instrumentation engineers consult CECO than any other single source in America. LET CECO help you achieve a break-through in your complex problems. Here are just a few of the products to help you.

- Your inquiries are invited on other Instrumentation Equipment manufactured by Ceco, Waddell, Bell & Howell, Traid, Flight Research, Zoomar, Wollensak, Hulcher, Vanguard, Mitchell, Arriflex and Maurer.
- In Hollywood, California, 6510 Santa Monica Boulevard, HOLLYWOOD 9-5119
- In Hialeah, Florida, 51 East 10th Avenue, TUXEDO 8-4604

**CAMERA EQUIPMENT CO., INC.**

Department JS-11. 315 W. 43rd St.  
New York 36, N. Y., JUDSON 6-1420



**R**

**NEW WADDELL 16-MM HIGH SPEED CAMERA.** A continuous camera employing the rotating prism as the means of optical compensation. Continuous film movement allows film to travel at greater velocities than normal intermittent cameras.

**R**

**CECO REDLAKE STOP - MOTION PROJECTOR** 35mm variable speed (8-24 pps), single frame, forward and reverse remote control. 1000 ft. reel capacity.

**R**

**CRAMER CONTINUOUS 16MM FILM PROCESSOR** Fully automatic, can be operated in broad daylight. Compact, portable and economical.

**R**

**SYLVANIA FF-33 FLOOD FLASH** Ideal for sequence photography. Long duration. Easy & convenient as flashbulbs. Uses "D" batteries.

**R**

**CECO E-109 PROGRAMMING DEVICE** Individually controls up to eight separate electrically operated pieces of equipment at one time.

Authorized Service  
Center for Beckman  
& Whitley **MAGNIFAX**  
(Eastman High-Speed)  
Cameras!!

\*CECO — Trademark of Camera Equipment Co., Inc.