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CAPE KENNEDY, June 19—The use of closed-circuit television and video tape was explained to 32 members of the **Cape Kennedy Section** by Robert O'Boyle, Chief Engineer, ETR Management Television Facility, at the monthly meeting held at the National Range Division Theatre, PAFB, Florida.

According to O'Boyle, the ETR TV consists of studio, control, and briefing facilities for color. Remote equipment is used to televise Cape Kennedy launches in color for viewing and recording. ETR briefings and progress reports are distributed to various AFSC areas on video tape.

Color tape was shown of the recent Titan III C from long focal length tracking cameras; the Gemini 4 space walk from the capsule films cameras; and the Pegasus satellite unfolding from on-board TV cameras. This material was of excellent quality.

Video quality was demonstrated in a fifth generation color tape. The definition and color fidelity were excellent and considered fully satisfactory for presentation or programming.

Following a question-and-answer period, members and guests toured the studio and technical control and recording facilities.—R. F. Downey, *Secretary-Treasurer*, 125 St. George Rd., Melbourne, Fla.

CAPE KENNEDY, August 21—Raymond DeMoulin, Eastman Kodak Co., presented a slide-illustrated talk on viscous processing techniques being developed at Eastman Kodak before 24 members attending the **Cape Kennedy Section** meeting. The meeting was held in Cocoa Beach, Fla.

DeMoulin also showed 16mm films which demonstrated the results of viscous processing on various original, intermediate and print materials. DeMoulin said present developments have been limited to work with existing photographic films. Eastman has developed viscous processing solutions and techniques for their various film types. Although they developed machines for their own research, DeMoulin said, Kodak is not manufacturing such processes.

The full potential of viscous processing cannot be developed until film materials are designed specifically for viscous processing. When this occurs, DeMoulin stated, extremely short processing times will be achieved while maintaining gradation and quality. Present viscous processes provide built-in quality control and process duplication.

A question-and-answer period followed DeMoulin's talk.—R. F. Downey, *Secretary-Treasurer*, 125 St. George Rd., Melbourne, Fla.

CHICAGO, June 24—The scope of motion-picture activity at the Argonne National Laboratory, Argonne, Ill., was the subject of the **Chicago Section** meeting held at the Laboratory.

George Tressel, Staff Assistant, introduced a specially-made sound film which showed the unique motion-picture production methods developed by Argonne.

After the formal presentation, the 78 SMPTE members and guests toured the motion-picture production facilities. An automated aerial image animation stand, special editing units, compact production equipment shipping units, and a multi-language motion-picture projection theater were featured. Prior to the meeting, members and guests met at the Argonne Guest Facility for a social hour and buffet dinner.—Allen F. Hilliard, *Secretary-Treasurer*, 164 N. Wacker Dr., Chicago, Ill. 60606.

HOLLYWOOD, June 22—Bruce Hill, Vice President of Sales, Mitchell Camera Corp., reported on his trip around the world, including behind the Iron Curtain, to 176 persons attending the **Hollywood Section** meeting at the Lytton Center of Visual Arts.

Edmund Di Giulio, Director of Engineering, Mitchell Camera Corp., discussed modern trends and future directions in camera design. Specific reference was made and a demonstration was given of "System 35," incorporating electrical reflex view finding, video taping, quick playback and TV monitoring. He briefly mentioned aspects of instrumentation and aerospace cinematography in relation to camera design. Demonstration footage was shown.

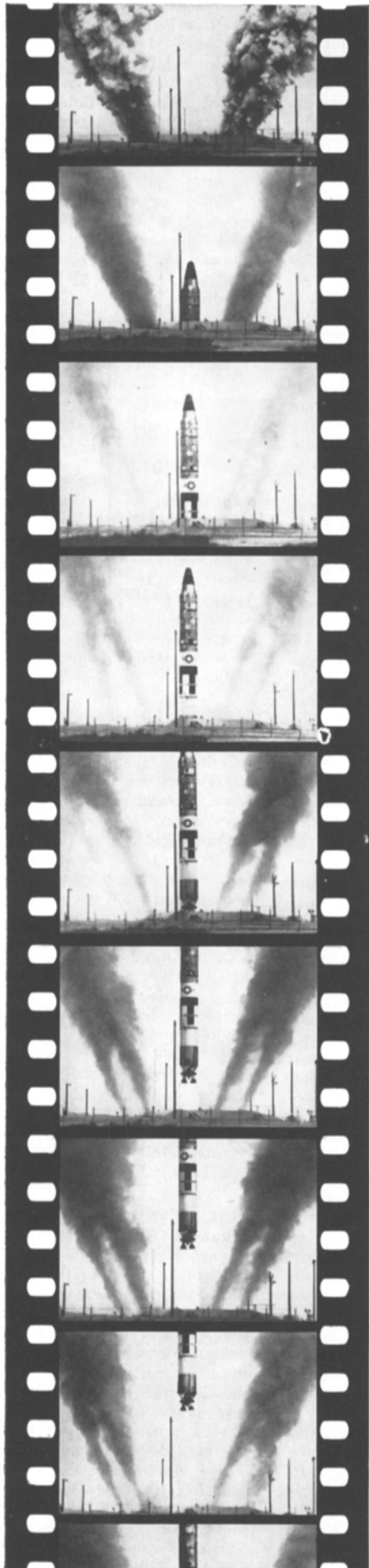
Robert Brower, Color Coordinator, Universal City Studios, briefly outlined the importance of picture brightness monitoring at the time of original photography. Correct brightness information is built into the original negative, insuring prints that are stabilized for TV transmission.

The opening film was *Menura*, a Harold J. Pollock production about the Australian Lyre Bird. The pre-meeting dinner at Villa Frascati's Restaurant was attended by 39 members and guests.—Ted Fogelman, *Secretary-Treasurer*, 1057 S. Ogden Dr., Los Angeles, Calif.

HOLLYWOOD, Sept. 21—Philip Diamond, President of Philip Diamond Enterprises, demonstrated and discussed a new, inexpensive, high-reliability, high-performance viewfinder-camera, the first such combination camera to be entirely equipped with silicon transistors. He spoke at the **Hollywood Section** meeting held at CBS Television City where 102 persons attended.

Diamond said the camera is compatible with any size system from a simple camera-monitor installation to a complex studio arrangement.

Douglas MacManigal, Photo Arts Research Co., discussed X-R (extended-range) film having a dynamic range of light values, as much as 10 million to one.



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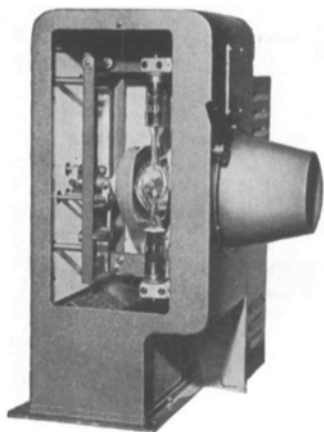
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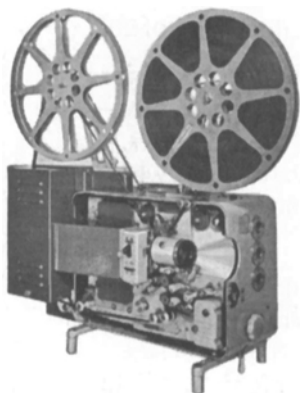
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The technical parameters of this material were described and several motion-picture examples showing the uses of X-R film were shown. A special motion picture was prepared for this meeting which illustrated an application for X-R film in television broadcasting with a closed-circuit television demonstration. A simultaneous double-screen projection of two films was given with one film being the X-R negative and the other being a print made from the negative, which aided in showing the response of the X-R film to light of varying brightness values.—Ted Fogelman, *Secretary-Treasurer*, 1057 S. Ogden Dr., Los Angeles, Calif.

HUNTSVILLE, June 29—Major Philip Krasney, Chief, Photo Plans Div., USAF Photographic and Charting Service, Orlando, Fla., presented a detailed description of the USAF crash film program to the **Huntsville Section**. The meeting was held at the Sheraton Motor Inn and 27 members attended.

“Operation Fullscope,” the code name of the USAF film program, was a Congressional film report to demonstrate USAF conventional weapon capability. Following his presentation, Krasney showed the USAF camera pod which was designed to assess target damage by combat aircraft. In addition to the camera pod and USAF film program demonstrations, which were accompanied by color sound films, Krasney described the Photographic and Charting Service capability, responsibility and future plans.

An additional feature of the June meeting was the showing of two French films, *Les Eloquentes* and *François Desonoyer*.—Bernard H. Mollberg, *Chairman*, 1005 Kennamer Dr., S.E., Huntsville, Ala.

NASHVILLE, July 17—Francis Lowe, AnSCO Photo Products, was the opening speaker at the July **Nashville Section** meeting. The meeting was held at Motion Picture Laboratories, Memphis, Tenn. Fifty members attended.

Lowe discussed the new variable contrast papers and showed samples. He distributed to the audience a copy of one of the Ranger 4 moon photographs printed on Vee Gee paper. He projected 35mm slides showing the latitude of the AnSCO daylight film, using the same subject shot at *f* stops varying from 1.8 to 22. A brief question-and-answer period followed Lowe's presentation.

Jack Behrend, Behrend's Inc., led off the afternoon program with a discussion of the Arriflex BL camera and compared it to the Eclair. Sid O'Berry, Sid O'Berry Productions, then gave a brief presentation on production problems involving the “impossible” one-day shooting of a 20-min sync production in which sets were erected, film shot, and sets taken down and removed from the rented TV studio in time for the 6:00 p.m. newscast. He then projected an excellent color film.

Jack Behrend returned to discuss and demonstrate the Seenhauser wireless mike used with the Nagra tape recorder. In answer to numerous questions, comparisons were made with other well known wireless microphones. He conducted a three-way interview using a single concealed lavaliere wireless mike.

Dean Moore, Condor Films, followed. He showed simultaneous projection of 16mm original, regular 8mm, and super 8mm reduction prints.

Bob Friedman, Bob Friedman and Associates, then demonstrated the super 8mm projector, comparing the simultaneously projected image with the regular 8mm image.

Following a brief outline of future program plans, Sid O'Berry projected a portion of a Japanese kinescope of the Brenda Lee Show made in Japan.—Robert E. Hawkins, *Secretary-Treasurer*, 1208 Rose Bank Ct., Nashville, Tenn.

SAN FRANCISCO, July 13—The **San Francisco Section** met at KGO-TV with 63 members in attendance. K. R. Machein, President, MVR Corp., demonstrated two video recorders made by his company: the VIDEODISC recorder, which is capable of recording video on a magnetic disc up to 600 single frames, or 20 sec continuous; and the Model MVR 65 portable VTR which is capable of giving broadcast quality and is intended for broadcast use. On the VIDEODISC, any frame may be replaced or erased, and is capable of being replayed instantly.

Following the talk, a discussion period was held.—John B. Steiger, *Secretary-Treasurer*, 13456 Mandoli Dr., Los Altos Hills, Calif. 94022.

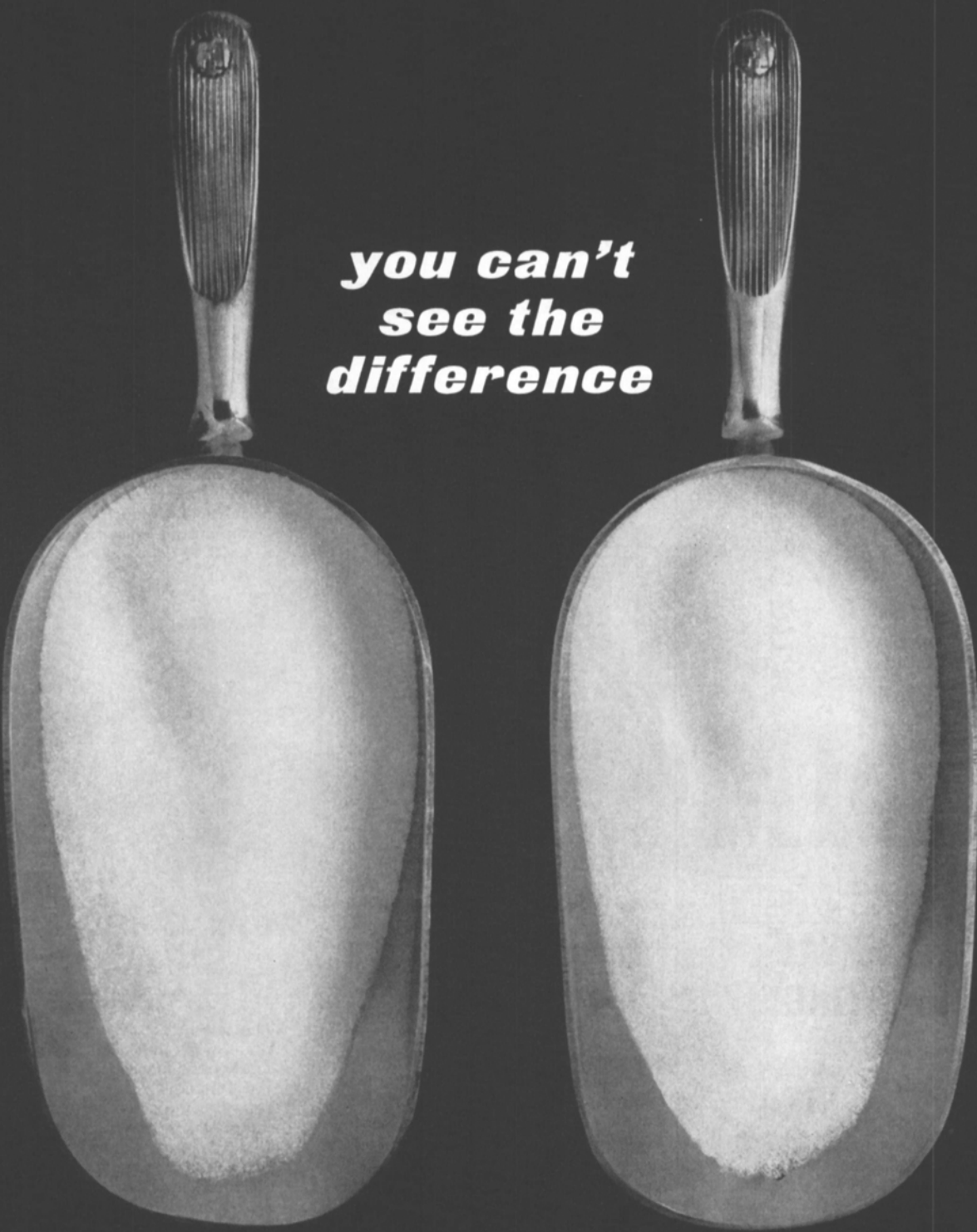
SAN FRANCISCO, August 10—The first half of the **San Francisco Section** meeting was devoted to microwave systems. Forty-seven members heard Dru Reynolds, Racht Associates, give a general introduction on “Microwaves,” and then Ron Kalstrup, Micro-wave Associates, gave a report on all solid-state lightweight units with a complete operating system set up in a studio with 200 ft separating transmitter and receiver. A question and answer period followed the presentation.

A first-hand report by Richard Moore, Special Projects Director, KQED-TV, on his experiences during a two-month filming assignment in Poland was given. More than 25,000 ft of film was exposed, over half with sync sound. Moore described problems and incidents as well as the people and the country.

The meeting was held at the educational TV station, KQED.—John B. Steiger, *Secretary-Treasurer*, 13456 Mandoli Dr., Los Altos Hills, Calif. 94022.

SAN FRANCISCO, Sept. 14—The **San Francisco Section** meeting was a panel discussion at which 44 persons attended. It was held at KGO-TV.

The discussion was led by W. A. Palmer, Palmer Films, on the early history of motion pictures in the San Francisco Bay area. Many firsts in the industry are from the Bay area, such as, audio amplification; the dynamic loudspeaker; sound-on-film recording; electronic television; high-fidelity magnetic recording; and closed-circuit TV electronic motion pictures. These developments and the men responsible for them were discussed. Many examples of early motion-picture equipment were on display.—John B. Steiger, *Secretary-Treasurer*, 13456 Mandoli Dr., Los Altos Hill, Calif. 94022.



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