Equipment Exhibit

According to information received from Equipment Chairman **John J. Burlinson** booths are being sold at a very brisk pace. Already most of the booths have been sold and the list of Exhibitors reads now as follows:

Angenieux Corp. of America
Anton/Bauer Inc.
Arriflex Co. of America
Bausch & Lomb, Inc.
Bell & Howell Co.
Robert Bosch Photokino GmbH
The Camera Mart, Inc.
Carter Equipment Co., Inc.
Century Strand Inc.
Cinema Product Development Co.
Eastman Kodak Co.
Eclair
Filmkraft Corp. of America
Frezzolini Electronics Inc.
General Camera Corp.
General Electric Co.
General Enterprises, Inc.
Gotham Audio Corp.
Hazeltine Corp.
Hervic Corp.
Hollywood Film Co.
Image Devices Inc.
KEM Electronic Mechanic
Lowel-Light Photo Engineering Inc.
Magnasync/Moviola Corp.
Mitchell Camera Corp.
Mole-Richardson Co.
Motion Picture Enterprises, Inc.
Nagra Magnetic Recorders
Paillard, Inc.
Plastic Reel Corp. of America
Research Products, Inc.
Rosco Laboratories, Inc.
SOS Photo-Cine-Optics
Sony Corp.

Engineers and scientists of the firms participating in the Equipment Exhibit are especially encouraged to present engineering and in-depth-tutorial papers on the latest developments in their respective lines of apparatus.

There is still a limited number of booths available. Inquiries should be directed to Conference Manager Jeffrey B. Friedman, at SMPTE Headquarters..

Call for Papers

Authors are advised that, although the official deadline for submission of Author Forms and Synopses was in January, papers coming in late will still be considered by the Program Chairmen for their possible inclusion in the Spring Program, if their subject matter and the available space allow. Authors are also reminded to use, whenever possible, the Synopsis Format Sheets supplied by Headquarters for the single-spaced typing of their Synopses. This will greatly expedite the inclusion of their Synopses in the Synopses Booklet — to be printed by photo-offset — which will be available at the Conference. The final deadline for Synopses is March 20, and April 7 is the deadline for completed manuscripts of papers. Simple drawings or diagrams may be included in the Synopses, whenever they will fit into the available 500- to 750-word space on the Format Sheets.

Association of Cinema Laboratories

The Association of Cinema Laboratories has asked that those interested in ACL affairs be reminded that they will meet on Saturday, April 29. The meeting will take place 9:00 a.m. to 5:00 p.m. in the Sutton Ballroom North, with a Luncheon at noon.

A test of home television sets in the Rochester, N.Y., area was conducted November 26 by the SMPTE Television Image Area Test Committee. The purpose of the test was to learn how much of the surface area of the picture being transmitted is received on a home set. Television stations WHEC, WROC, WOKR and WXXI transmitted a special test pattern. The test screen and questionnaire were shown in the Rochester newspapers and set owners were asked to complete the questionnaires. Information requested included type of set — color or black-and-white, portable or console; screen width and area of test screen seen on the set. A similar test was held in the New York City area in 1957. Results of that test showed that only about half of the sets were receiving nearly all of the picture transmitted from the station. Other sets were receiving less, some of them considerably less. The November 26 questionnaire asked participants to include the year their sets were manufactured. The purpose of this question was to determine if any significant contributions have been made by the industry during the last 10 or 15 years toward more complete television picture-area reception. Participants were not asked to identify the make of the set.

Results of the test are expected to guide broadcasters in determining the amount of picture area suitable for displaying critical subject matter and how much would presumably be suitable only for peripheral use. Some factors affecting television reception include set construction, the line voltage applied to the set and adjustments to the set made by a TV repairman or set owner.

Results of the test are being computerized for a preliminary report to the Society's Winter TV Conference in Dallas by Roland J. Zavada of Eastman Kodak Co., with the prospect that the Test and its results will soon be described in the *Journal*.

The Audio Engineering Society will hold its 42nd Convention May 2–5 at the Los Angeles Hilton Hotel in Los Angeles. Technical sessions on new developments in audio engineering will be held and professional audio equipments will be exhibited. Information about the technical sessions is available from Mr. Leon A. Wortman, Ampex Corp., 401 Broadway, Redwood City, CA 94063. Information about the exhibits is available from Miss Jacqueline Harvey, Exhibit Manager, Audio Engineering Soc., 124 E. 40 St., New York, NY 10016.

The Audio Engineering Society's Central Europe Section will hold its second Annual Convention March 14–16 at the Holiday Inn in Munich, Germany. Papers on audio engineering and electroacoustics subjects will be presented. There will be an exhibit of professional audio and acoustic products. Further information is available from K. J. Wischgoll, E. Beyer Elektrotechnische Fabrik, D-7100 Heilbronn, Germany.

Temple University has announced that its fifth annual Anthropological and Documentary Film Conference will be held March 8–11. In 1971, the Conference included workshops in still and motion-picture techniques, videotape and multi-media approaches to teaching in addition to the screening and discussion of documentary and anthropological films. The program of the 1972 Conference has been broadened to include four different types of sessions: seminars, symposia, workshops and screenings. The Conference will also include a technical exhibit. Seminars will consist of small group discussions. The symposia will consist of invited papers dealing with topics of general interest concerning film, video and sound use and analysis. Workshops will provide instruction in the use of equipments. Further information is available from: Film Conference, Temple University, Room 200, South Hall, Philadelphia, PA 19122.

The U.S. Industrial Film Festival for 1972 will be held in a greatly expanded format, it has been announced. Entries are being accepted for the 5th annual awards competition and should reach festival headquarters no later than March 1. New subject matter categories have been added such as 35mm slide programs, a mixed media invitational and the expansion of the Filmfest Seminar to a two-day event with prominent speakers and panel discussions. Equipment demonstrations and screening of winning films are also planned. Chairman, J. W. Anderson has stated that "The festival . . , due . . . to its policy of limiting its entries to industrial film media (assures) the business film producer that the focal point will be on his production . . . " Invitations are being sent out in fourteen languages and twenty-nine categories are available to entrants. Entry forms may be obtained from the U.S. Industrial Film Festival, Suite 825, 39 S. LaSalle St., Chicago, IL 60603.

The Institute of Optics at the University of Rochester, Rochester, NY 14627, has

announced a two-week summer program on Contemporary Optics to be held July 17–28 and a separate but complementary four-day session on Optical System Design to be held July 31–Aug. 3. The Contemporary Optics program is designed as a refresher course in modern optics for professional scientists and engineers and others who need some knowledge of optics. The course will cover Fourier optics, lasers and electrooptics, image-forming optics and physical optics at an introductory graduate level. The session on Optical System Design aims at giving an engineer or physicist sufficient familiarity with the various types of optical elements so that he can lay out a system to fit the space available and perform the specified task.

AV in Education 1971, second in a series of three reports for 1971, has been published by Hope Reports, 58 Carverdale Dr., Rochester, NY 14618. The first in the series, *AV-USA 1971*, the 80-page basic report, was issued in September. A third report to be released early in 1972 is *Motion Pictures and Video Cassettes 1971*.

AV in Education 1971 predicts that Federal support for instructional media in 1971–72 will probably be 7% greater than in the previous school year. A study of 16mm educational films shows that two-thirds of the 1970 and 1969 releases were on social science subjects, indicating a trend away from films on mathematics and science which were released in larger numbers in previous years.

Findings on educational television were somewhat depressing, showing that, although total expenditures were up nationally, severe cutbacks in operating funds have forced curtailment or complete shutdown of some city and system-wide television operations considered to be model examples. The book has a section on film libraries, both educational and commercial, and a 12-page appendix lists companies that have divisions of subsidiaries in the audiovisual communications industry.

MCI Lockheed Satellite Corp., 1900 L St., N.W., Washington, DC 20036, has proposed an economical new system for nationwide distribution of TV programs via satellite to the three major TV networks. Networks now transmit programs through microwave stations or coaxial cables at an annual cost of some $70 million. The proposed satellite service would cost about $28.37 million annually. The proposal also includes the use of microwave ground links between a studio and the Earth station that transmits to, or receives the signal from, the satellite. Two distribution system control centers would be provided, the main one in New York and the alternate in Los Angeles. The centers would remotely operate the receiving equipment in all Earth stations.

Pending before the Federal Communications Commission is an MCI Lockheed application to build and operate a domestic communications satellite system. The system calls for two high-capacity communication satellites in sychronous orbit — one for primary use and the other as an on-orbit spare. Each satellite will have 48 transponders capable of handling simultaneously more than 33,600 business and data circuits or 48 television channels. The system would operate in the 4- and 6-GHz and 12- and 14-GHz bands.

A geodetic range tracking system, called the Laser Range Measuring System, has been delivered to Wallops Station in Virginia by RCA Corp. It will be combined with NASA's ruby laser system and it will be used to track orbiting spacecraft that carry laser retroflectors. The system will permit satellite orbits to be charted more precisely and, in turn, allow accurate station location determination. The system, integrated between laser range tracking and microwave radar, overcomes target acquisition problems encountered in the past with all-laser tracking systems. The range measurement data obtained from the RCA range system is transferred automatically to the radar's computer which will record it for post-mission analysis.

Vidicopy Co., 1287 Lawrence Station Rd., Suite 470, Sunnyvale, CA 94086, has announced establishment of a commercial high-speed videotape duplicating facility for closed-circuit TV systems. The system, called CVS 200 utilizes thermal duplicating techniques and permits high-speed production of duplicates from videotape masters, regardless of tape format. The system copies all major video recorder formats including IVC, Ampex, Sony, Panasonic and others in color and black-and-white. It can also duplicate material on video cassettes.

RCA Corp. has transferred its Selectavision Business Development Group from its corporate headquarters to RCA Consumer Electronics in Indianapolis, it was announced by Barton Kreuzer, RCA Executive Vice-President, Consumer Electronics. Presently under development is a low-cost magnetic tape cartridge TV player/recorder for use in the home, Mr. Kreuzer said. The Selectavision Group will continue to be headed by Robert C. Bitting, Division Vice-President, whose headquarters will be in Indianapolis.

Inflight Motion Pictures, Inc., 485 Madison Ave., New York, NY 10022, has entered into an agreement with Project 7, Inc., and a subsidiary, CTVC, Inc., to develop special programing to be shown on short haul flights and projected by Inflight's new Impak super-8 projector, it was announced jointly by David Flexer, President of Inflight, and Robert J. Leder, Chairman of the Board of Project 7. This agreement follows the announcement by Inflight of the development of the Impak super-8 cassette system which is to be operational by midsummer. Programs, many of them specially made for Impak, are to be 3½ minutes to 2½ hours in length. A large store of these is expected to be on board for passengers to choose from.

The EECO line of videotape electronic editing equipment will be represented by Telemation Sales Inc. in North, Central and South America, it was announced by Electronic Engineering Co. of California, Broadcast Product Group, 1441 East Chestnut Ave., Santa Ana, CA 92701. EECO produces two types of videotape electronic editing equipment: EES, a modular system of electronic indexing and editing that can be interfaced with Ampex and RCA quadruplex recorders; and Mini-Modules, which are compact units that perform specific electronic functions related to video- and audiotape editing and are intended for use with helical and audio recorders.

C. B. B. Wood has transferred his activities from Kingswood Warren to Central London. His new address is: Head of Engineering Information Dept., British Broadcasting Corp., Broadcasting House, London, W1a 1AA, England.

William D. Chappell has been appointed Vice-President of Finance and Administration for Philips Broadcast Equipment Corp., One Philips Parkway, Montvale, NJ 07645, according to an announcement by John S. Auld, President. Mr. Chappell was formerly Vice-President and Treasurer of Ferroxcube Corp. He has also been affiliated with Raytheon Co. and General Electric.

John Lowry has been appointed Vice-President of Research and Development for Image Transform, Inc., a new television and motion-picture industry service company in Hollywood, Calif. Announcement was made by Bryan Hickox, President of the new firm. The firm uses new techniques to achieve videotape to film transformation with the "transform" capable of large-screen theatrical display. Mr. Hickox is also a lecturer in the Dept. of Cinema of the University of Southern California.

William G. Eagle has been appointed Manager of Indirect Sales for Philips Broadcast Equipment Corp., One Philips Parkway, Montvale, NJ 07645. He was formerly Vice-President of Joseph Plasencia, Inc., exclusive export agent for a number of U.S. manufacturers of systems and equipment for broadcast, closed-circuit, cable TV and two-way radio. In his new post he will direct the efforts of the company's national network of distributors handling Norelco commercial video ro closed-circuit TV systems.

Donald C. McFarlane has been appointed President and Chief Executive Officer of Technicolor, Inc., 6311 Romaine St., Hollywood, CA 90038. The offices have been vacant since the retirement of Paul W. Fassnacht on February 8, 1971. Executive functions were carried out in the interim by William E. McKenna, Chairman of the Board of Directors. Mr. McFarlane has also been appointed a member of the Board. He was appointed President of Technicolor Cinema Systems, the company's major division, in September 1971. He was formerly President of the Carlisle Co. division of Litton Industries in San Francisco. In that post he reorganized the international motion-picture processing operations and strengthened and coordinated marketing on an international basis.

Walter S. Prusiewicz has been appointed to the post of Controller for Precision Film Laboratories, 630 Ninth Ave., New York, NY 10019, it was announced by Burton Stone, Executive Vice-President. Mr. Prusiewicz was formerly Assistant Treasurer and Controller of Pathé Laboratories.