

Awards Presentation

The Awards Presentation, a ceremony observed annually at the Society's Conferences, took place 23 October at the Awards Luncheon held in the Beverly Hilton Hotel. SMPTE President Robert M. Smith presented the awards to the recipients. Thirteen newly elected Fellows of the Society received certificates from President Smith at the Fellows Luncheon held on 24 October at the Westside Plaza Room of the Century Plaza Hotel. Brief biographies of the recipients of the awards and certificates, at both luncheons, are given below.

Honorary Membership

It is the purpose of election to Honorary Membership of the Society to honor an individual who has performed a lifetime's work of eminent service in the advancement of engineering in motion pictures, television, or in the allied arts and sciences.

Honorary Membership in the SMPTE is awarded to W. T. Hanson, Jr., for his contributions, including his invention in the design, manufacture, and processing requirements for coupler incorporated color motion-picture films, greatly simplifying the production of color motion pictures, on an international scale, for viewing both in theaters and via television.

W. T. Hanson began his career with the Eastman Kodak Co. in the Photomicrography Department in 1936 and in 1943 transferred to the Manhattan Project in Oak Ridge, Tennessee. He returned to the Color Process Development Department in 1945, became Assistant Superintendent in 1949, and was appointed Division Head of the Color Photography Division in 1951. Named Assistant Director of the Kodak Research Laboratories in 1971, he became Director on 1 May 1972, and was also elected Vice-President of the company at that time.

During his long Kodak career, Dr. Hanson was possibly best known for his personal contribution as the inventor of "colored masking couplers" providing large improvements in color quality, resulting in multi-layer color films which grossly simplified set photography and related laboratory operations necessary in the production of motion pictures in color. This, along with his direction and encouragement of others, has resulted in a number of major innovations in both film and processing, providing not only further simplifications but also additional quality improvements in the series of films required for motion-picture production and presentation in theaters or via television. These innovations have contributed greatly to the "explosion of imagery recording" throughout the world. His work included the successful introduction of the super-8 format.

Among his many awards, he was the first recipient of the Society's Herbert T. Kalmus Gold Medal Award in 1956 and also received the Progress Medal Award in 1966.

Progress Medal

It is the purpose of this award to do honor to the individual by recognizing outstanding technical contributions to the progress of engineering phases of the motion-picture and/or television industries.

The Society's Progress Medal is awarded to Donald G. Fink in recognition of his many years of continuous and significant contributions to the television field as engineer, author, and editor.

Donald G. Fink has been actively engaged in television system research and standardization since 1939. He was a member of the first National Television Standards Committee and author of its book *Television Standards and Practice*. As Vice-Chairman of the Second (color) NTSC he wrote *Color Television Standards*. He also was author and editor of various other books on television engineering and electronics.

Mr. Fink was Editor-in-Chief of *Electronics*; Director of Research and Vice-President, Philco Corp.; and Executive Director and General Manager, IEEE. He is presently Chairman, SMPTE Study Group on High-Definition Television.

Although Mr. Fink has retired, he continues to volunteer his services on board and committees of the IEEE, SMPTE, National Academy of Sciences, National Research Council, and U.S. National Committee for UNESCO.

Mr. Fink has received the Medal of Freedom (U.S. Government), the IEEE Founders Medal, the IEEE Consumer Electronics Award, an Outstanding Civilian Service Medal, a Presidential Certificate from President Truman, and the Journal Award from the SMPTE.

The Agfa-Gevaert Gold Medal

It is the purpose of this award to do honor to the recipient by recognizing the individual's outstanding leadership, inventiveness, and/or other achievements in the research, development, or engineering of new techniques and/or equipment which results in a significant improvement to the interface between motion-picture film and television imaging systems, whereby the combined advantages of both contribute to the further development of visual communications systems.



Wesley T. Hanson, Jr., in recognition of his contributions during years of service to the industry before his recent retirement from the Eastman Kodak Company, was elected to Honorary Membership.

The Agfa-Gevaert Gold Medal is awarded to John D. Millward for his outstanding contribution to the telecine design art in his capacity as leader of the engineering team responsible for the development of the Mark III Rank Cintel flying spot scanner with Digiscan digital framestore capability that makes the device fully compatible with NTSC 60-Hz and PAL 50-Hz standards.

John D. Millward joined Rank Cintel (then known as Cinema-Television Ltd.) straight from school. While employed at Rank Cintel he studied part-time as an external student at London University and gained an Honors Degree in Physics and Mathematics. Between 1948 and 1954 he was engaged in various projects mainly concerned with cinema television projectors, twin lens telecine, and color projectors. Between 1956 and 1960 his main project was film recording by a system called "Tally-track" where the film moved continuously through the projector; but the advent of videotape changed the market and, subsequently, he joined a team to develop a transverse videotape recorder which was exhibited at IBC in 1964. Following this period, he mainly concentrated on the development of flying spot twin lens telecine, starting with the video processing channel, producing log and antilog amplifiers which enabled the use of log masking and continuously variable gamma control. His experience with the videotape capstan servo led to the development of capstan driven film projectors and the multi-format single projector telecines now available. He is presently specializing in telecine developments particularly in the field of digital technology.

Eastman Kodak Gold Medal Award

It is the purpose of this award to honor the recipient by recognizing outstanding contributions which lead to new or unique educational programs utilizing motion pictures, television, high speed and instru-



Donald Fink received the 1979 Progress Medal.

mentation photography, or other photographic sciences.

The Eastman Kodak Gold Medal Award is presented to Dr. Roman Vishniac who as a physician, biologist, scholar, and engineer has substantially advanced the technology and techniques employed for cinematography/macrography and used them brilliantly for both scientific research and general education.

Roman Vishniac holds seventeen degrees encompassing some of the following: medicine, philosophy, art history, and biology. Dr. Vishniac arrived in the United States in 1940, after having fled Russia in 1920 to settle in Berlin where he was imprisoned 11 times. At Yeshiva University he was appointed research associate at the Albert Einstein College of Medicine and later became a professor of biological education. He is a pioneer in time-lapse cinematography and light-interruption photography as well as the color photomicroscopy of living organisms. In 1960 he became project director and filmmaker for the Living Biology film series sponsored by the National Science Foundation. A volume of his color microphotographs of proteins, vitamins, and hormones was published in 1971 by *Life*. Vishniac is a specialist in Far Eastern art and philosophy. He has taught in several fields at many universities, including the City University of New York, Pratt Institute, and Case Western Reserve. Dr. Vishniac is presently a Professor of Creativity in Pratt Institute and New York University.

John Grierson International Gold Medal Award

It is the purpose of this award to honor the recipient by recognizing significant technical achievements related to the production of documentary motion-picture films.

The John Grierson International Gold Medal Award is given to Jacques-Yves Cousteau for his research, design, and development of equipment which gave humanity the possibility of truly exploring the ocean. Through the use of film and video



John D. Milward accepts the Agfa-Gevaert Gold Medal from SMPTE President Robert Smith.

he has enabled us to see his undersea world.

Jacques Cousteau began his naval career at an early age, serving as a midshipman, chief of a French Naval Base, and later as a navy flier and gunnery officer. It was at this time that Captain Cousteau began experimenting with various prototypes of breathing apparatus, and in 1943, he and Emile Gagnan conceived and released the Aqua-Lung, an invention which gave humanity the possibility of truly exploring the sea.

After participating in the Resistance movement during World War II, Captain Cousteau acquired Calypso, a minesweeper, transformed this into an oceanographic vessel, and at the same time, created a nonprofit oceanographic research and development association to support the logistics of this now famous ship.

In 1951, in collaboration with Andre Laban, he perfected the first underwater camera equipment for television transmission. The Diving Saucer appeared in 1959, capable of diving to a depth of 350 meters, permitting two passengers to observe and film the depths and even to take samples.

Since 1967 the Calypso team has accomplished many long and complicated journeys, accumulating documentation on such subjects as coral and whales, sea elephants and dolphins. These films have been shown on television throughout the world. Jacques Cousteau has produced over fifty films for television and three full-length theatrical feature films. He has written, or is writing in collaboration with others, more than fifty books published worldwide in more than a dozen languages.

After being awarded the "Chevalier de la Légion d'Honneur" in the name of the Resistance, Captain Cousteau was then promoted to "Officer" and "Commander" for scientific accomplishments. One of the few foreign members of America's prestigious National Academy of Sciences, Captain Cousteau was the co-recipient in 1977 (with Sir Peter Scott) of the International Environment Prize awarded by the United Nations for outstanding contributions in the field of the environment. He has been awarded Honorary Doctor of Science de-



Jacques Cousteau was granted the John Grierson International Gold Medal Award.

grees by the University of California at Berkeley, Brandeis University, Rensselaer Polytechnic Institute, and Harvard University.

The Journal Award

It is the purpose of this award to recognize the outstanding paper originally published in the *Journal* of the Society during the previous calendar year.

The Journal Award for 1979 is presented to David K. Fibush for his paper entitled "SMPTE Type C Helical-Scan Recording Format" published in the November 1978 SMPTE Journal.

Journal Award — Honorable Mention

To John P. Rossi for his paper entitled "Digital Techniques for Reducing Television Noise," published in the March 1978 SMPTE Journal.

Herbert T. Kalmus Memorial Award

It is the purpose of this award to do honor to the recipient by recognizing outstanding contributions in the development of color films, processing, techniques, or equipment useful in making motion pictures for theater or television use.

Miss Schwan has been chosen for her direct research efforts which have contributed significantly to the development of Eastman color negative film, Eastman color print film, Eastman color intermediate film, as well as Ektachrome movie films and her dedicated research which has resulted in a number of unique features of the new Eastman color intermediate film.

Judith A. Schwan holds a degree in Chemical Engineering from the University of Cincinnati and a Masters Degree in Physical Chemistry from Cornell University and is the holder of over twenty patents in the United States and Europe. She is a Fellow of the Society and has received the Distinguished Alumnus Award from the College of Engineering at the University of Cincinnati.



David Fibush was the recipient of the Journal Award for 1979.

Miss Schwan has been working on the research and development of motion-picture color films for many years. In the last five years she has played a strong leadership role, bringing together the technologies necessary to design films of improved quality. In 1973 and 1974 she was the Assistant Director of the Emulsion Research Division of the Kodak Research Laboratories. In 1975 and 1976 she was the Director of that division. In those positions she was responsible for many aspects of the film-building process and research on film components such as the light-sensitive elements and sensitizing dyes. In 1976 she became the Assistant Director of the Kodak Research Laboratories. In this position she maintained responsibility for motion-picture color film programs and has played a major role in managing the research efforts of these programs.

Photo-Sonics Achievement Award

It is the purpose of this award to do honor to the recipient by recognizing outstanding contributions in the development of new techniques or equipment which have contributed to the improvement of the engineering phases of instrumentation and/or high speed photography.

The Photo-Sonics Achievement Medal is awarded to Hallock F. Swift for his outstanding contributions in the field of photonics instrumentation and the multiple application of the techniques, equipment, and processes that incorporated both photonics and electronics in acquiring information during scientific investigations.

Hallock F. Swift holds a degree in Physics from Cornell University. He was Head of the Electroballetics Section at the U.S. Naval Research Laboratory in Washington, and Chief, Applied Physics Division, at the University of Dayton Research Institute. Mr. Swift is President of International Applied Physics, Inc., which is involved in developing high speed photo-instrumentation and conducting sponsored research.

Mr. Swift has demonstrated his talent, knowledge, and versatility in numerous scientific projects. These areas of technical expertise include: impact mechanics, inte-



John P. Rossi won a Journal Award — Honorable Mention.

rior ballistics, infra-red optics, and geologic cratering. In support of research in these areas he utilized high speed photography, piezoelectric sensors, special phototechniques, magnetic field sensors, laser doppler velocimetry, holography, and digital electronics.

Mr. Swift is the recipient of the Scharadin Medal from the Republic of West Germany; Past Chairman IEEE Committee on Instrumentation in Aerospace Simulation Facilities; Past Secretary, Chairman of Aeroballistics Range Association; Secretary, National Committee for High Speed Photography; and Photonics Designate National Delegate to International Congresses on High Speed Photography and Photonics.

Samuel L. Warner Memorial Award

It is the purpose of this award to do honor to the individual by recognizing outstanding contributions in the design and development of new and improved methods and/or apparatus for sound-on-film motion pictures, including any step in the process.

The Samuel L. Warner Memorial Award for 1979 is presented to Norman T. Prisament for his noteworthy interest and contributions in the field of sound re-



Hallock F. Swift was honored with the Photo-Sonics Achievement Award.



Judith Schwan receives the Herbert T. Kalmus Memorial Award.

production and transfer mechanisms by means of high speed interlocking systems. The development of the high speed electronic looping system simplified the foreign language dubbing of soundtracks.

Norman Prisament has been actively engaged in various aspects of the recording industry since 1941. Under his leadership, advanced and sophisticated technology has been applied to sound equipment in many of the major sound studios throughout the world.

Under his management, recorders, dubbers, and projectors that would operate at high speed in interlock were manufactured and distributed. Mr. Prisament also was instrumental in the introduction of the high speed electronic looping system, a control console for recorders and projectors permitting post-sync looping or foreign-language dubbing of a whole reel without cutting the film into loops.

Another of his innovations was the MTE high speed electronic pulse interlock system in recorders, dubbers, and projectors. This system became a reality by the modification of projector drives using an electronic pulse drive and an electronic pulsed intermittent pulldown in lieu of the old Maltese Cross mechanics. He pioneered the first high speed electronic interlock system between videotape recorders and sprocketed magnetic film machines using SMPTE code as the reference medium.



Norman Prisament was the recipient of the Samuel L. Warner Memorial Award.



Douglas V. Dove also received a citation for Outstanding Service to the Society. His involvement has been through the very active Australian Section.

Citation for Outstanding Service to the Society

It is the purpose of this award to provide recognition of individuals for outstanding contributions of major benefit to the Society.

Douglas V. Dove, Colorfilm Pty. Ltd., for his continual involvement in the Australian Section as one of its founding members, and for being the moving force behind the combined ASC/SMPTE Moving Image Seminar in Canberra.

Irving Rosenberg, CBS Television Network, for his involvement in the New York Section as Membership Chairman and Manager as well as with the National Conferences held in New York.

Joseph A. Semmelmayr, Eastman Kodak Co., for contribution of his time and energies to the positions of Manager, Secretary-Treasurer, and Chairman of the San Francisco Section as well as his organization, planning, and implementation of the Television Conferences held in San Francisco.

William E. Youngs, Consultant, for his involvement in the Washington, D.C. Section over many years as well as his participation in National Conferences when held in Washington, D.C.



Irving Rosenberg was given a Citation for Outstanding Service to the Society.



Joseph A. Semmelmayr, for his Outstanding Service to the Society, was presented with a citation.

New Fellows of the Society

Albert Arbeeny, Vice-President of Color Analysis and Simulation Product Line, Hazeltine Corporation, has been active in the industry since 1953. From then until 1956 he participated in color decoding techniques for color television receivers. He later became involved in the initial design and installation of the Hazeltine color film analyzer and is now updating it to meet motion-picture needs. He is a member of BKSTS, Gravure Technical Association, Association of Cinema & Video Laboratories, and Research Engineering Council for the Graphic Arts.

Richard W. Bauer, Technical Associate, Eastman Kodak Co., in the Photographic Technology Division, has developed magnetic dispersion formulations and led the development program for prestripped motion-picture film from 1960-68, and in 1967 he developed a photographic sound process for silver soundtracks on Ektachrome films. For several years he was Development Project Leader of sound technology and then group leader, Motion Picture Pilot Laboratory. He is presently responsible for the development of films and processes for Eastman color, including sound and television applications.

John F. X. Browne, President, Browne Associates, Inc., of Bloomfield Hills, Michigan. Mr. Browne is a regis-



William E. Youngs was among those cited for outstanding service to the Society.

tered Professional Engineer and has had a consulting practice in engineering since 1966, specializing in radio/television broadcast engineering. Prior to starting his own business he was Chief Engineer of Detroit Public Television (WTVS). He is President of the Association of Federal Communications Consulting Engineers; member of the Michigan Society of Professional Engineers (Chairman of the Ethics Committee and member of National Ethical Practices Committee); as well as a member of the Engineering Society of Detroit, Society of Broadcast Engineers, American Arbitration Association, and the National Society of Professional Engineers.

Samuel H. Bunchez, President, Vacuumate Corp., is involved with the preservation treatment of photographic films, treatment and cartridge of endless loop films, and rejuvenation of badly shrunken films. Mr. Bunchez holds numerous patents in the United States and in foreign countries relating to film preservation treatment, a slippage treatment for endless loop and cartridge films, and also for a method of dimensional restoration of badly shrunken films. He is an active member of the Association of Cinema & Video Laboratories, BKSTS, PMA, and NAVA.

Herbert J. Fix, Director of Institut Für Rundfunktechnik GmbH, Munich, W. Germany. Mr. Fix was with the Rundfunk-Technisches Institut at Nuremberg from 1949 to 1956 and since 1957 has been with the present company. He is head of the research and development institute for the German broadcasting organization (television and radio) as well as an author of a number of technical papers. Mr. Fix is a member of the Executive Board of Fernseh- und Kino-Technische Gesellschaft (FKTG) and a member of the program committee of the Montreux Symposium.

M. Carlos Kennedy, Ampex Corp., is currently responsible for product planning for the Audio-Video Systems Division. He was instrumental in bringing about the Ampex VPR/series one-inch helical recorders and has been involved with the Ampex helical video recorders since joining Ampex. Mr. Kennedy has been extremely active in television standards work in EIA, SMPTE, NCTA, IEC, and ITA. He is currently a member of the ITA video Advisory Committee, the SMPTE Committee on Video Recording and Reproducing Technology, and Chairman of the SMPTE Working Group on Video Test Materials and the IEC SC 60C Educational Recording Systems Committee. He is also a member of the AES Digital Standards Committee.

Dennis J. Kimbley, Kodak Ltd., in England, was from 1950 to 1966 the film-coating technician responsible for the development and production of motion-pic-



Albert Arbeeny



Richard W. Bauer



John F. X. Browne



Samuel H. Bunchez



Herbert J. Fix



Dennis J. Kimbley



M. Carlos Kennedy



Boris N. Konoplev



Andrew Kufluk



David W. Samuelson



Arthur C. Smith



Richard C. Streeter



Haruo Teshi

ture products for Kodak Ltd. and was particularly concerned with improving the scratch susceptibility of motion-picture films and controlling static on those products. He is presently Manager of Motion Picture Sales and Technical Service at Kodak Ltd. Mr. Kimbley is the immediate Past President of the British Kinematograph, Sound and Television Society and an Honorary Fellow of the BKSTS. In 1979 he was the recipient of the Interkamera International Award (Czechoslovakia).

Boris N. Konoplev, Technical Director of Mosfilm Studios in Moscow, USSR, and holds a chair in the Cinema Institute in the rank of professor. Since 1929 he has been working in engineering branches of the Soviet motion-picture industry and reading lectures on cinema technology in the All-Union State Cinema Institute. He is the author of six books on film production technology and of more than 100 articles in Soviet and foreign scientific and technical magazines and in *Big Soviet Encyclopedia* editions. He is Chairman of the Motion Picture Technology Committee and a member of the Board of Governors at Film-

Makers Association of the USSR. He is also Vice-President of UNIATEC. Mr. Konoplev has received the Soviet Prize Laureate, Honored Scientist, and is bearer of four Orders and Medals of the USSR and several international awards.

Andrew Kufluk, Professor, Broadcast Technology, Radio and Television Arts Department, Ryerson Polytechnical Institute, Toronto, Canada, has dedicated his whole career to educating men and women for the television industry. A large proportion of Canadian television technicians, VTR operators, cameramen, lighting and sound men, come from the course taught at Ryerson by Mr. Kufluk. His contribution to the Canadian television industry during his teaching career, which began in 1946, is considerable. Thousands of young men and women in the industry, and the industry itself owe a great deal to him for his work in training and the encouragement given to these people. Mr. Kufluk has been the contributor of articles at various conferences and has written course texts in audio, television, and film for Ryerson students.

David W. Samuelson, Technical Director, Samuelson Film Service, Ltd., London, England. He was formerly a newsreel cameraman with Movietone News and later a freelance cameraman for cinema, television, and documentary type films. Mr. Samuelson is known for his developmental work in motion-picture camera mountings, camera optics, and specialized operational equipment for aerial and sea photography. He has also specialized in extreme long focus cinematography, particularly at sporting events such as the Olympics. *Motion Picture Camera and Lighting Equipment* and *Motion Picture Camera Techniques* are two of the manuals he has written, as well as many articles in the *BKSTS Journal* and the *American Cinematographer*. Mr. Samuelson is a past President of the BKSTS, Vice-President of UNIATEC, Chairman of the Incorporated Association of Kinematograph Manufacturers, and Governor of the British Society of Cinematographers.

Arthur C. Smith, Director, Smith & Cross Pty. Ltd., Bronte, N.S.W., Australia, first became interested in the record-

ing of sound for films in 1929, when it was still in the experimental stage on his side of the world. From 1931 until 1958 he was Chief Recording Engineer for Cinesound Productions Pty. Ltd., and during this time also formed Smith & Cross Pty. Ltd. to manufacture sound film equipment. Mr. Smith's experimentation for improving methods of sound recording have gone from recordings made with a tungsten arc discharge tube, to using a mercury vapor discharge tube, and a new design of optical system to suit the recording tube. With the development of ground noise reduction in the States, Smith successfully applied the idea to his glow tube recorder. In the 1950s a paper appeared in the *Journal of the B.K.S.* saying that a method had been developed for applying noise reduction to glow tube recordings. Arthur Smith had done that in 1933. Throughout his career, he has always been the innovator in producing up-to-date sound recording equipment, and at the age of 77 is now keeping

up with the new digital integrated circuits that are being used in the industry.

Richard C. Streeter, Director, Advanced Development, CBS Television Network, has been, since the early 1960s, the principal engineer for CBS Television Network Engineering and Development on the advanced development of improved, more compact, color television cameras. He participated in the development and very first use of Plumbicon-type color cameras which soon became standard in the industry. His work as Project Manager for the development of the CBS Minicam won an Emmy Award in 1969 in recognition of its importance as the first full-quality, hand-held camera. Mr. Streeter was responsible for development and application of cameras and portable videotape recorders in the pioneering of electronic newsgathering. His other projects have included participation in the development of the color correc-

tor, digital noise reducer, and other sophisticated electronic hardware widely used today.

Haruo Teshi, Managing Director, Elmo Company Ltd., Japan, is truly outstanding in his forward thinking and willingness to enter into untried markets with progressive technology. He has also recognized the importance of standardization and has devoted many years of service to effective international representation in our discipline. Mr. Teshi is presently involved in the development of equipment and systems in the motion-picture and related fields. His patents include a small-sized cinematographic camera device; a small-sized motion-picture projector, plus 46 other patents and 28 utility models. Mr. Teshi is an expert with the ISO/TC 36/PWG-5 and also Chairman, TC, Japan Motion Picture Equipment Industrial Association.

Reports of the Engineering and Standardization Committees Activities

The brief reports published herein summarize the activities of the SMPTE Technology Committees, which were held concurrently with the 121st SMPTE Technical Conference at the Century Plaza Hotel in October 1979. They reflect the growing volume of work carried on through the committees and the SMPTE Engineering Department.

For more detailed information on the activities or the individual projects, one should contact Alex E. Alden, Manager of Engineering Services of the SMPTE, at headquarters. The Society welcomes participation by specialists from industry in the work of its Engineering Committees, and all those who may be interested in exploring the possibility of active membership on any of the committees should contact A. E. Alden or Roland J. Zavada, Engineering Vice-President of the Society. While the Society is in a position to provide the mechanics for the development of National Standards, it relies heavily on the input made available from industry through its engineering committee members.

Standards Committee

The Standards Committee, which acts as coordinator for the SMPTE program and as an advisory group to the Engineering Vice-President, covered its agenda effectively during its two-hour meeting.

The Engineering Vice-President took the opportunity to introduce Mr. M. Fischer (American Broadcasting Company), Chairman of the Video Recording and Reproduction Technology Committee. Mr. Fischer is fulfilling the unexpired term of Mr. Chismark, who has retired.

Areas of work covered by this committee included: (a) FTC rule making; (b) transfer of C98 to ITSMB (Image Technology Standards Management Board); (c) status and progress of the Society's engineering activities and projects; and (d) impact of one annual meeting of engineering committees at SMPTE Conferences versus more frequent meetings on the effectiveness of parent engineering committees.

Mr. Zavada, reporting on new engineering activities, stated that a Working Group chaired by Mr. Kenneth Lisk of Eastman Kodak has been formed under the Standards Committee because of the uniqueness of the engineering activity. Its objective is to establish procedures, test materials, and specifications for medical diagnostic image display and recording devices. A broad representation of experts in the medical field, as well as manufacturers of CRTs and television monitors, is needed to make this subject functional.

Reports were received on two international meetings. The ISO/TC 36 — Cinematography (International Organization for Standardization) held its meeting from 24 September through 1 October 1979 in Antwerp, Belgium. The 55 delegates in attendance represented 13 countries. Mr. Alden reported that agreement was reached on 68 items, with a total of 70 approved resolutions.

The IEC/TC 60 — Recording (International Electrotechnical Commission) held its meeting in Palo Alto, California, during the early part of October (10–20 October 1979). Fourteen countries and 91 delegates were in attendance. Summarizations of the activities of the subgroups were made by: A. Conte, SC 60A — Audio Recording; F. Remley, SC 60B — Video Recording; and H. Farmer, SC 60C — Educational Equipment.

The time and place of the next Standards committee meeting is tentatively scheduled for the 122nd SMPTE Conference in New York.

21 October 1979

J. P. HALL
Chairman