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## OBITUARIES

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### Oleg I. Ioshin

Oleg I. Ioshin, a Fellow of the SMPTE, died December 17, 1983, at the age of 55. At the time of his death, he was Deputy Chairman of the USSR State Committee for Cinematography.

Ioshin graduated from the Leningrad Institute of Motion Picture Engineers in 1951. His career began that same year at the Cinema Equipment Factory, where he remained until 1958 when he went to the Cinema Equipment Designing Bureau as chief designer. He was active in the development of modern motion-picture equipment. A noteworthy achievement was his development of sound equipment for motion pictures.

In 1973, Ioshin became the director of the Science, Cinema and Research Institute (NIKFI), at that time the largest motion-picture research center in the world.

Ioshin joined the SMPTE in 1975. That same year, he received the Special Commendation Award, recognizing his outstanding contributions to motion-picture and television technology in all parts of the international industrial community.

### Yasuo Saeki

Yasuo Saeki, a Fellow of the SMPTE, died April 20, 1984, in Yokohama, Japan, at the age of 59. At the time of his death, he was president of Yokohama Cinema Laboratories. A graduate of Keio University, Tokyo, he joined Yokohama Cinema Laboratories in 1952. In 1967, he introduced additive color processing in Japan and influenced the change from subtractive systems to additive processing. He

cooperated with Hitachi Co. in 1969 to produce the first color timing analyzer in Japan.

Saeki joined the SMPTE in 1971 and was made a Fellow in 1973. He had also been a member of the Motion Picture and Television Engineering Society of Japan and had been executive director of the Color Cinema Laboratory Association of Japan.

### Joseph Dephoure

Joseph Dephoure, a Life Member of the SMPTE, died April 2, 1984, at his home in Lake Worth, Fla., at the age of 78. After graduating from the Massachusetts School of Art in 1928, he worked as a cameraman and laboratory technician for the Ad-Art Studio in Boston. In 1935, he founded the Joseph Dephoure Studio in Boston where he specialized in 16mm production. Dephoure joined the SMPTE in 1944 and became a Life Member in 1973.

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## BOOKS, BOOKLETS, BROCHURES

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**Operational Testing in Telecommunications**, edited by Rudolf Kaiser, is a comprehensive survey (in English) of testing philosophy and routine operational testing techniques employed in the German telecommunications system. The book is intended for engineers and technicians concerned with day-to-day operations. Dr. Kaiser is president of the Telecommunications Central Technical Office of the Federal German Post Office. The book is available from Technicopy Ltd., 66 High St., Stonehouse, Glos. GL10 2NA, England, at a price of \$70.

**The 1984-85 Equipment Directory of Audio-Visual, Computer and Video Products**, (formerly known as The Audio-Visual Equipment Directory) is available from NAVA/ICIA, 3150 Spring St., Fairfax, VA 22031 at a price of \$25. (For non-NAVA/ICIA member firms that are commercially engaged in the communications industry, the price is \$37.) The new directory contains information on a wide range of communications products. Product categories are listed alphabetically with the rapidly expanding audio categories appearing first.

The 1984-85 edition contains several new sections including audio mixers and consoles, projection lenses, and computer peripherals. The miscellaneous equipment and accessories section of the directory has been revised and expanded to include computer accessories, satellite and teleconferencing equipment, and laser projection systems.

**McGraw-Hill Concise Encyclopedia of Science and Technology** presents scientific and technical information on 75 separate disciplines in a 2065-page volume. A total of 7300 alphabetically arranged entries are included. Typically, each article provides a definition, a summary of relevant data and information, and cross-references to related topics.

The encyclopedia examines the latest advances, developments, and achievements in all areas of science and technology. It reflects recent discoveries in many diverse fields including astronomy, telecommunications, computer science, space technology, and many others. Generously illustrated, the work includes 1600 photographs and line drawings, many in two colors. It also includes hundreds of charts, tables, and graphs to supplement and amplify the text. Several sections at the back of the volume are particularly helpful: bibliographies, data bases, an appendix, and a 30,000-entry index. The encyclopedia is available from McGraw-Hill Book Co., 1221 Avenue of the Americas, New York, NY 10020, at a price of \$89.50.

**The 1984 Membership Directory** of the International Communications Industries Association (formerly National Audio-Visual Association) is available from ICIA/NAVA, 3150 Spring St., Fairfax, VA, 22031. The directory lists close to 1000 major A-V, video, and microcomputer firms. It includes information on products offered by each ICIA member firm as well as names, addresses, and telephone numbers. Also listed are manufac-

turers, producers, agents, independent representatives, system consultants, and nontheatrical film distributors. A separate section is included for international companies.

**Who Was Who on Screen**, compiled by Evelyn Mack Truitt, alphabetically lists 3100 screen personalities, primarily American, British, French, and German, who died between the years 1905 and 1982. Each entry consists of a brief biographical sketch together with a full list of screen credits. The book lists not only the greats and near-greats, but also bit players and animal performers. The book is published by R. R. Bowker Co., 205 E. 42nd St., New York, NY 10017. The price is \$30 hardcover, \$23.95 paper.

**The ASC Treasury of Visual Effects** conceived and supervised by Linwood G. Dunn, designed and edited by George E. Turner, is a collection of writings by experts in the field of motion-picture special effects. It is illustrated by hundreds of photographs. Published by *American Cinematographer*, 1782 North Orange Dr., Hollywood, CA 90028, it is available at a price of \$29.95. The size (8½×11 in.) and weight of a "coffee-table book," it is beautifully designed and made, instructive without being difficult, and the many photographs with their informative captions are a delight to the browser.

The first ten chapters comprise a history of special visual effects, beginning with *The Execution of Mary Queen of Scots*,

photographed at Edison's studio in Orange, N.J. In this early "shocker," the viewers watch as the doomed queen kneels at the headsman's block, the headsman wields his axe, and the queen's severed head rolls free. How was this done? Just as the headsman lifted the axe, the camera stopped filming (in those days movie cameras were cranked). The other players "froze" while the queen hurried out of camera range. A dummy was placed on the block, and the headsman finished his swing to the horrified delight of the viewers.

The book contains a great deal of reading enjoyment in addition to being a valuable reference work for motion-picture scholars and historians. Filled with fascinating anecdotes and detailed descriptions of how these visual illusions are created, the later chapters of the book deal with *Star Wars*, *Logan's Run*, and such Disney movies as *Pete's Dragon* and *Mary Poppins*.

One chapter was contributed by Linwood Dunn, who, as mentioned above, supervised the making of this book. In this chapter, "The Cinemagic of the Optical Printer," Dunn describes the device as "that magnificent tool of motion-picture magic," noting that the purpose of the chapter is "to bring out the importance of this extremely versatile device to the creative and economic need of filmmaking in a broader sense." Dunn received an Academy Award (Oscar) for codesigning the Acme-Dunn optical printer.

The book contains 298 pages, hundreds of illustrations, and would be a valuable addition to the library of anyone who is interested in how movies are made.

**The Cool-Lux Professional Lighting Guide** is published by Cool-Lux Lighting Industries Inc., 5723 Auckland Ave., North Hollywood, CA 91601, at a price of \$3.50. The guide provides information on lighting and typical lighting arrangements, as well as recommended safety precautions and a detailed description of the Mini-Cool lighting system. This system was selected by NASA for use aboard the space shuttle, and has been used on every flight since the sixth. The guide also contains listings of interchangeable Cool-Lux lamps, power supplies, and kits available for various applications.

**The Video Source Book**, 5th professional edition, contains detailed information on 35,000 program titles available on video-cassette and videodisk. It also contains information on 670 wholesalers and distributors. Available from Video Marketing, Suite 820, 1680 Vine St., Hollywood, CA 90028, the price is \$125.

**The 1984 catalog of video support systems** is available upon request from The Winsted Corp., 9801 James Circle, Minneapolis, MN 55431. The full-color catalog pro-

vides details, specifications, and pricing on Winsted's complete line of customized video production equipment, including editing, production and dubbing consoles, stands, racks, cabinets, and storage systems for film and videotape.

**The 1984 electronic instrument rental catalog** is available upon request from Continental Resources, Inc., Electronic Instrument Div., 175 Middlesex Turnpike, Bedford, MA 01730. The 68-page catalog contains extensive listings of analyzers, meters, oscilloscopes, generators, microprocessor development systems, recorders, and telecommunications equipment. All items appear with full specifications and monthly rental rates.

**The LPTV Sourcebook** is a comprehensive compilation of information on TV stations on the air or under construction, programming suppliers, systems houses, financing companies, and many other firms and individuals involved in community television. The book is available from Kompas/Biel & Associates, Inc., P.O. Box 25510, Milwaukee, WI 53225, at a price of \$175.

**The Basis of Physical Photometry**, CIE Publication No. 18.2, is available from Dr. Klaus D. Mielenz, Secretary, U.S. National Committee, CIE, Room B-306, Metrology Bldg., National Bureau of Standards, Washington, DC 20234, at a price of \$25 (\$20 for USNC members). The publication, in English, presents the basic conventions and principles of modern physical photometry, and explains how it relates to radiometry and vision. The principal physical standards used for measuring photometric quantities and some relevant radiometric quantities are described.

**The 1984 Catalog of American National Standards**, listing all current ANSI-approved standards, is available at a price of \$10 from the American National Standards Institute, 1430 Broadway, New York, NY 10018 (members of the institute receive the catalog without charge). The 168-page catalog lists some 8,000 standards establishing dimensions, ratings, terminology and symbols, test methods, and performance and safety requirements for materials, equipment, and products.

**Rechargeable nickel-cadmium batteries** for portable television cameras and recorders are described in a catalog available upon request from Alexander Manufacturing Co., 1511 Garfield Pl., Box 1645, Mason City, IA 50401. Alexander battery chargers, batteries for communications equipment, and a battery-belt rebuild program are described.

**New achromatic lenses and collimators** covering the ultraviolet through the visible spectrum are described in a 32-page catalog available upon request from Optics for Research, Inc., Box 82, Caldwell, NJ 07006. The air-spaced doublets consist of one element of calcium fluoride and one of UV grade-fused silica. They are mounted in a standard black-anodized cell. Other precision optical components are described in the catalog.

**Instruments for Testing and Design**, a 48-page, illustrated catalog showing more than 80 precision test instruments, is available upon request from Global Specialties Corp., 70 Fulton Terrace, P.O. Box 1942, New Haven, CT 06509. Global Specialties, an Interplex Electronics Inc. company, is an international manufacturer and marketer of electronic hardware and test equipment with offices in New Haven, San Francisco, and Saffron Walden, U.K.

**The Teleconferencing Resources Directory, 1983-84**, which provides a complete listing of companies offering products and services needed to conduct an audio, audio enhanced, or video conference, is available from Knowledge Industry Publications Inc., 701 Westchester Ave., White Plains, NY 10604, at a price of \$47.50.

More than 400 companies are listed in the 137-page directory. The companies are arranged alphabetically and keyed according to the services and equipment offered. In addition to the company name and acronym, the listing includes the address, telephone and telex numbers, names of the president, marketing manager, and client contact person, and a detailed description of the company's business.

**Signal Source 15**, a bar/dot pattern generator with a built-in television sync generator, is illustrated and described in a product information sheet available from Visual Information Institute, Inc., P.O. Box 33, 719 Lower Bellbrook Rd., Xenia, OH 45385-0033. The generator produces test patterns to verify the scanning deflection, linearity centering and size of cameras, display devices, and other television equipment, plus a set of synchronizing pulses.

**Three new video projection screens** are included in a catalog available from Knox Manufacturing, 111 Spruce St., Wood Dale, IL 60191. Described are a recessed ceiling-mounted electric screen, a wall or ceiling-mounted electric screen, and a manually operated wall or ceiling-mounted screen. All three feature white matte fabric measuring 10 ft diagonally with 3-in. black borders. The two electric screens also feature Knox's exclusive low-voltage, multiple-switching and detachable motor module.