

Obituaries



Donald E. Hyndman

Donald E. Hyndman, a Life Fellow and Past President (1945-46) of the SMPTE, died 17 June 1980 in Rochester, N.Y., at the age of 74.

He was an Eastman Kodak Co. executive who was credited by Kenneth Mason, Vice-President and General Manager of Kodak's Motion Picture and Audiovisual Markets Div., with being one of the influential figures contributing to the success of color motion picture film. "He provided executive leadership for Kodak during the time of the color explosion in the 1940s," Mason said.

Hyndman joined Kodak in 1926 as an assistant in the Research Laboratory at Kodak Park. In 1929 he became a member of the East Coast division of the Motion Picture Film Department

in New York City. He was appointed Assistant Manager of the department in 1940 and in 1946 he was appointed Manager. In 1950 he was appointed Manager of Kodak's Motion Picture Film Department and in 1962 he was elected Assistant Vice-President. He was named Manager of the Motion Picture and Educational Markets Div. in 1964. He retired in 1969.

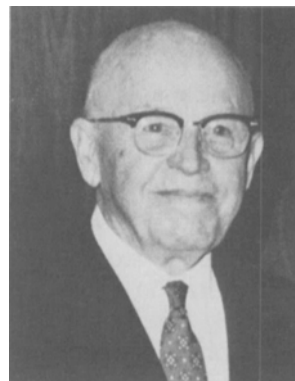
He became a member of the SMPTE in 1929. He served as Engineering Vice-President and as Chairman of various committees including the Theater Television Committee. He was elected President in 1944 to serve the 1945-46 term. In 1949 he was presented with an SMPE Special Award in the form of a plaque. The Special Award was made "In recognition of his unselfish, outstanding personal endeavors as an officer of the Society, and his enthusiastic guidance in improving the prestige and financial stability of the Society by increased participation of industry in Sustaining Membership in the Society of Motion Picture Engineers." (The Society became the Society of Motion Picture and Television Engineers the following year.)

Hyndman was the author of some 15 papers appearing in the *Journal*. "International Motion Picture Standards" was published in the February 1947 *Journal*. "Motion Picture Standards in Wartime" appeared in the July 1943 issue. An early paper, "Model Making With Sheet Film Base," appeared in the March 1933 issue.

Hyndman was a member of a number of professional organizations other than the SMPTE, including the American Television Society and

the Academy of Television Arts and Sciences. He was also a member of the American Society of Cinematographers and the Academy of Motion Picture Arts and Sciences, and a member of Phi Lambda Upsilon, an honorary fraternity of chemists.

He is survived by his wife, two daughters, and three grandchildren.



George A. Mitchell

George A. Mitchell, an Honorary Member of the SMPTE, died 16 April 1980 in Pasadena, Calif., at the age of 91. He was the inventor of the Mitchell camera which was for many years the most widely used motion picture camera in Hollywood, and for which he received an Academy Award in 1952. He

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True, the FR-16 is designed for projecting 16mm film in a telecine system, but it is much, much more than a projector.

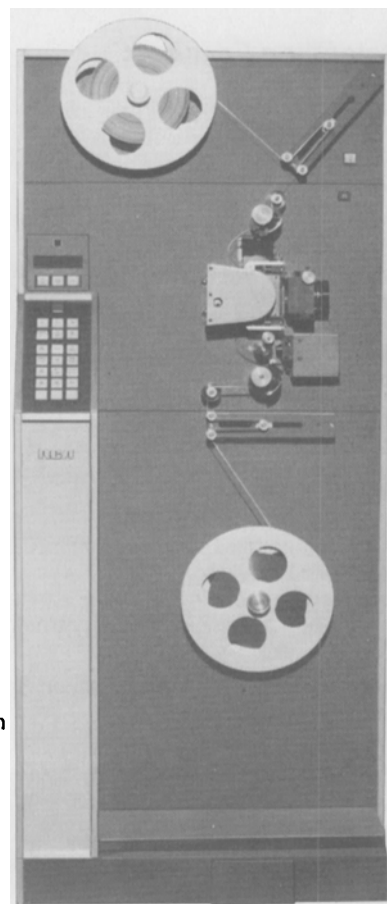
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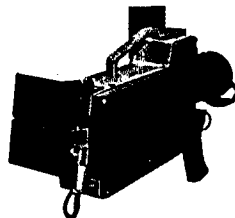
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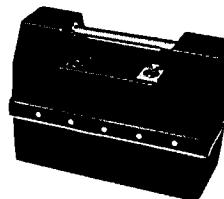


Nobody else comes close to Cine 60's record of reliability. Our high value, high performance nickel-cadmiums have logged more hours, powered more cameras, shot more footage

than all others combined. They've proven themselves in the only test that counts - daily use by pros.

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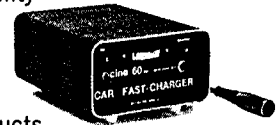
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completed the first working model of his invention in 1920 and shortly thereafter he formed the Mitchell Camera Corporation. Mitchell also designed portable newsreel equipment as well as the blimp camera. In 1950 he produced the Mitchell reflex 35mm camera.

He became a member of the SMPTE in September 1922. In 1961 he was made a Fellow and he became an Honorary Member in 1971. In 1961 he noted in a letter to the SMPTE that he held some 50 patents on photographic apparatus. In 1934 he sold the Mitchell Camera Corp. to join the staff of the Hale Observatory on Solar Instruments. From 1940 to 1944 he was with the Office of Scientific Research and Development of the Mt. Wilson Group where he developed a method

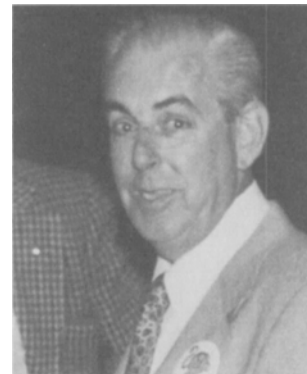
of milling glass using industrial diamonds and where he also designed a fast shutter for Air Force mapping.

Following World War II he returned to Mitchell Camera Corp. as a consultant.

Jean-Louis Vandette

Jean-Louis Vandette, Manager of the Film Group at the CBC's Engineering Headquarters in Montreal, died suddenly of a heart attack at his home in St. Lambert, Canada, on 20 May 1980 at the age of 61.

A native of Canada, he was educated at the Collège de Montreal. Upon completion of his studies in 1937, he joined the Motion Picture Engineering Services of the Canadian Famous



Players Corporation and continued technical training in radio engineering with the ICS. He remained with Famous Players until 1953 except for the war years. During his military service with the Canadian Army he was attached to the Royal Canadian Signal Corps as an Instrument Mechanic in radio maintenance with the 6th Division Signals, Pacific Command. In 1943 he was assigned to the Canadian Army Trade School in British Columbia and Hamilton, Ontario, as an instructor in motion picture technology. Later on, he served with the 101st Canadian Army Educational Visual Aid Service in Canada and overseas. He was discharged from the service in January 1946 as a regimental Sgt. Major. From September 1951 until June 1952 he attended courses in television technology sponsored by the Canadian General Electric Co. in Montreal.

In August 1954, Jean joined the Canadian Broadcasting Corp. (Radio-Canada) as a technician in the Montreal TV maintenance department. He was promoted to senior technician in April 1955. His work encompassed the maintenance of telecine, motion picture and allied sound recording and projection equipment. Promoted to Supervisor of Technical Operations in December 1959, he was concurrently Technical Supervisor of the TV/Film maintenance section, the TV maintenance machine shop, and the sound recording technician staff. In November 1965, he was appointed to the position of Technical Supervisor, News Film Production for the French Services Division in Montreal. In this position, his work consisted of reorganizing the structure of the technical production services. In February 1967, Jean was appointed Technical Operations Officer (Film) in the Operations Engineer's Department at Engineering Headquarters in Côte St. Luc. In 1975, he was appointed Manager of the Film Group, Operations Development Department. He remained in this post until his death.

Jean was active in SMPTE Affairs, serving on several technical committees and also as Manager and Section Chairman for the Montreal/Ottawa/Quebec Section. He was Exhibits Chairman at the SMPTE 110th Conference in 1972. At the Montreal SMPTE Mini-Conference in April 1979, he presented a paper together with Keith Field of CBC/EHQ entitled "An Engineering Approach to Television Film Quality Control"

He is survived by a son and a daughter.

(Note: This obituary was supplied to the Journal by Walter H. Winchell, Secretary-Treasurer of the Montreal/Ottawa/Quebec Section, and Gilles Ouellette, Sr. Technical Officer, EHQ Film Group, CBC Engineering Headquarters.)

Case History #437

Electronic News Gathering is one of the toughest environments a microphone will ever encounter. Every mike we've seen has compromised the demand for low handling noise, fine audio quality and virtual indestructibility.

Credit the NBC Electronic Journalism Department/Operations and Engineering in New York for putting the Electro-Voice DO56 shock-mounted omni in the field. Although originally designed as an on-camera entertainment and MC's microphone, NBC found the DO56 to be the microphone that provides an audio signal commensurate with video in real-life crisis situations. In these situations audio often takes a back seat to video,

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resulting in a final product that doesn't accurately reflect the broadcaster's professional standards. NBC discovered that the DO56 takes the

pushes, the shoves, the rubs and finger taps in stride. And when handling *really* gets rough, the DO56's unique internal shock mount virtually eliminates the bell-like clang transmitted by other shock-mounted mikes.

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