

Report on Meeting of ISO/TC36 — Cinematography

By Sherwin H. Becker

Technical Committee 36 — Cinematography, of the International Organization for Standardization (ISO), held its 13th Plenary Meeting in Beijing, P.R. China, from October 5 through October 12, 1987.

Representing the U.S. member body, the American National Standards Institute (ANSI), were Ioan Allen, Dolby Laboratories, who served as leader of the delegation; Lincoln L. Endelman, Perkin-Elmer Systems; William H. Smith, Allied

Film and Video; John Mosely, Quinta Enterprises Inc.; Tomlinson Holman, Lucasfilm Ltd.; Joseph D. Kelly, Glendale Audio Engineering Consultants; John Pytlak, Eastman Kodak Co.; and Roland J. Zavada, Eastman Kodak Co., who was elected Chairman of the Plenary Meeting. All of these participants are members of the SMPTE.

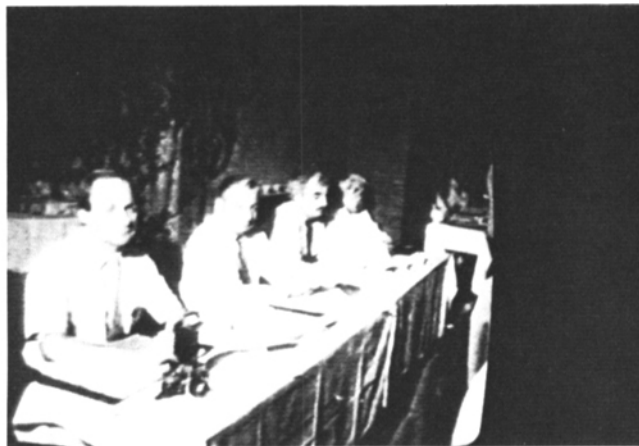
The work of ISO/TC36 covers the international standardization of all aspects of motion-picture technology. Its five Working Groups concern themselves with: Film Technology, including raw stock, physical properties, and interfacing camera hard-

ware including photographic image capture in WG1; Laboratory Services Technology, including processed film properties, printer hardware, editing and post-production, duplicating, requirements for exchange and distribution, and image specification of original through to release print in WG2; Audio Technology, including optical and magnetic record placement, characteristics of the record and characteristics of the recording medium, reproduction of sound, and description of data accompanying images in WG3; Presentation Technology, including reproduction of the image and the psychophysics of

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Members of U.S. delegation in caucus. Back row: Tomlinson Holman, Joseph Kelly, William Smith, John Mosely. Front row: Lincoln Endelman, Si Becker, John Pytlak, Roland Zavada, Ioan Allen.



Members of U.S. delegation (J. Pytlak, J. Moseley, I. Allen, and W. Smith) as they appeared on news broadcast over China television, reportedly seen by 500 million people.



Heads of delegations and Working Group members.



Si Becker with Mr. and Mrs. William H. Smith at welcoming reception.

audience image perception and environmental contributions in WG4; and Film/Electronic Interface Technology, including the raw and processed film medium as it applies to the reproduction from film or the capture on film or photographic prints of an electronic image in WG5.

In 18 Working Group and Ad Hoc Group sessions, the Technical Committee approved a new International Standard for density specifications of motion-picture prints and slides for television; reaffirmed nine existing International Standards for an additional five-year period, and advanced six draft proposals for consideration as Draft International Standards. Among nine new items of work proposed were a technical report on the impact of 30 frame/sec motion-picture film on telecine practice, the standardization of audio head tones for use in international exchange, a standard on reverberation times in theaters, a standard on recorded char-

acteristics of A-chain frequency response on 6-track magnetic sound records on 70mm release prints, and a standard on measurement of reflected stray light on projection screens.

The impact of the work of ISO/TC36 continues to be felt in the ever-widening distribution of motion pictures on an international basis. At this Plenary Meeting, in addition to the U.S., 41 other delegates representing the member bodies from China, Czechoslovakia, France, F.R. of Germany, Japan, Sweden, the U.K., and the USSR contributed their time and talents. Within the meetings and in the social contacts which accompanied the meetings, the spirit of cooperation and united effort toward common goals was outstanding.

Supplying administrative support to the Plenary Meeting were Si Becker, SMPTE Director of Engineering, and Olivia Richardson, SMPTE International Standards Coordinator. The SMPTE maintains the

Secretariat of ISO/TC36 on behalf of ANSI. With the endless cooperation of the host member body, the China State Bureau of Standards (CSBS), almost 3000 copies of documents were processed for use by the delegates in their deliberation. In addition, the CSBS sponsored a lavish dinner featuring ten courses of superb Chinese cuisine and a tour of the Ming Tombs and the Great Wall of China, an experience to be long remembered by the delegates. The SMPTE sponsored a welcoming reception for delegates and guests on the evening preceding the opening Plenary Session, and the Society's efforts on behalf of ISO/TC36 were officially recognized in Resolution C65 of the 13th Plenary: "That the delegates to the 13th Plenary Meeting of ISO/TC36 express their appreciation and gratitude to the Society of Motion Picture and Television Engineers for their continued support of the Secretariat of ISO/TC36."



(L-R) John Pytlak (U.S.), Robert Hardonyi (Czechoslovakia), Valery Issaev (USSR), and Galina Yunina (USSR) during coffee break.



ISO/TC36 Secretary Si Becker with SMPTE International Standards Coordinator Olivia Richardson at opening Plenary Session.



Members of Chinese delegation.



Meeting of Working Group 5 — Film/Electronic Interface.