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Underwater Photography

INTRODUCTION

THE PURPOSE of the Underwater Photography session during the XIIth Congress of International Society for Photogrammetry is to present the work conducted during the past two years by the Underwater Photography Committee of the American Society of Photogrammetry in the interest of encouraging international cooperation in fulfilling the objectives of the Committee.

ORGANIZATION

The Photography Division of the American Society of Photogrammetry, fully cognizant of the increased interests and activities in the underwater environment, organized the Underwater Photography Committee in December 1969. The organization of the Underwater Photography Committee follows:

Chairman: *Gomer T. McNeil*
Deputy Chairman: *Joseph Pollio*
Task Chairman, Cameras: *V. A. Seifert*
Deputy: *Robert B. Patterson*
Task Chairman, Films: *Lance H. Bassage*
Deputy: *Ira Current*
Task Chairman, Lighting: *Jay Harford*
Deputy: *Chester Buchanan*
Task Chairman, Bibliography: *J. J. Welsh*
Deputy: *Gerald J. Skerrett*
Task Chairman, Systems: *Donald M. Rosenkrantz*
Deputy: *Joseph Pollio*
European Representative, Dr. Ing. J. Höhle,
Switzerland
Asiatic Representative, *Dr. T. Sakata*, Japan

OBJECTIVES

The broad aims and objectives of the Un-

derwater Photography Committee are:

- To disseminate knowledge and promote education in underwater photography,
- To encourage the perfecting of underwater photography to explore and study the ocean,
- To create a broader understanding of the relevance of underwater photography to other technologies, arts, and human affairs, and
- To exert efforts toward the documentation and improvement of underwater photography standards.

The Underwater Photography Committee is concerned with all phases of the acquisition of imagery for the purposes of photogrammetry and image interpretation.

ACTIVITIES

During the first meeting of the Underwater Photography Committee it was concluded that the initial action to be taken during 1970 was the preparation of state-of-the-art reports by the Task Chairmen on cameras, films, lighting, bibliography, and systems. These reports were presented during the 1971 ASP/ACSM Convention and subsequently published in the September 1971 issue of *Photogrammetric Engineering*.

The state-of-the-art reports were updated during 1971 on an international basis for presentation during the XIIth Congress of ISP. The updated reports that follow are presented to the Congress by the Task Chairmen. The session is concluded by a panel discussion covering: (1) problems that remain and thoughts on how they might be solved and (2) current and potential areas of research.