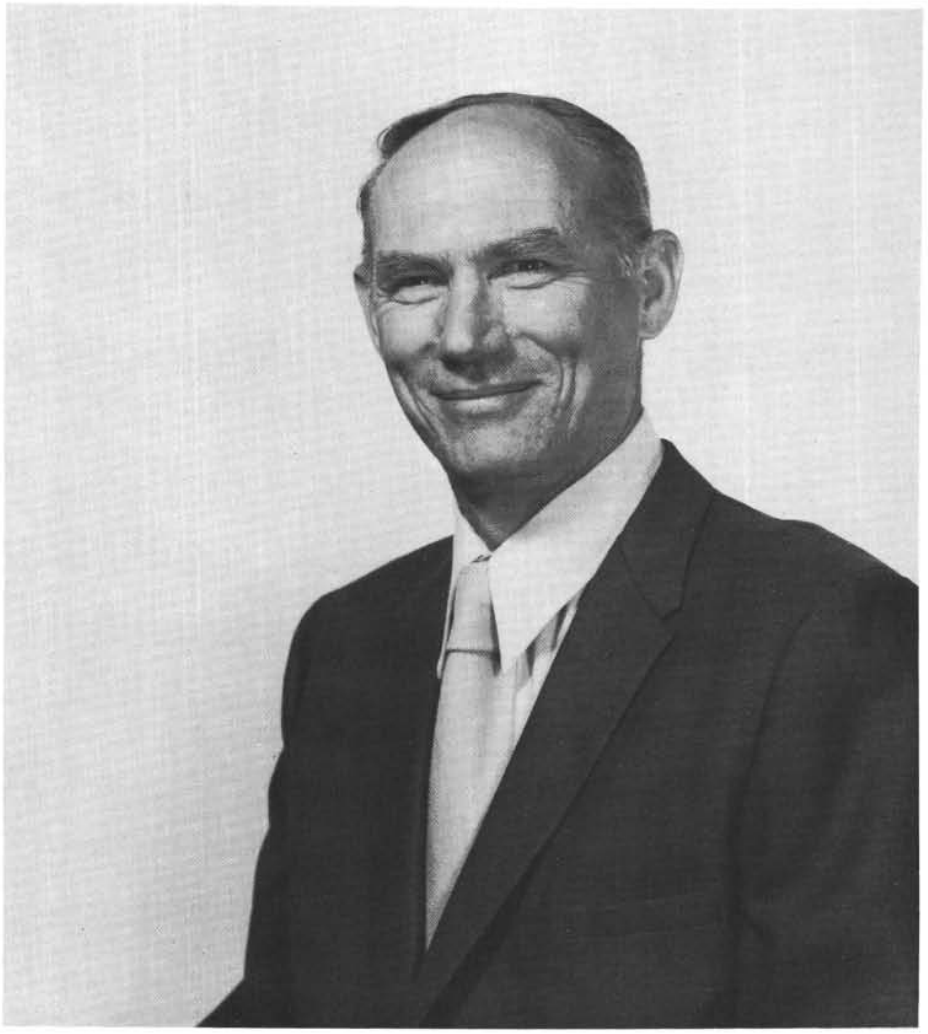

VALDEMAR F. LARSON
1930–1981

As the final page proofs for Volume 60 were being corrected, we were saddened by the passing of Valdemar Larson—known by everyone at the Deep Sea Drilling Project as "Swede"—after a long illness. The following remarks were prepared by colleagues of Swede's in the DSDP Engineering and Operations Departments. At their request, we are pleased to dedicate this volume to the memory of Swede Larson, who was directly or indirectly responsible for much of the operational success of nearly every Deep Sea Drilling Project leg, including Leg 60.

Swede Larson was a key figure in the Deep Sea Drilling Project for 12 of its 13 operating years. Joining the Project in 1969, he served as Operations Manager until May 1980, when he became head of the Engineering Department. He retired in January 1981 for reasons of poor health and passed away on July 15, 1981. Sixteen years as an engineer with Standard Oil Company of California had endowed Swede with an extraordinary knowledge of the technology and the people involved in the offshore drilling industry. His innovative mind and tenacity systematically eliminated technical problems and continually upgraded the scientific productivity of DSDP systems. As much as any other person, he was the man who made the Deep Sea Drilling Project work.

Yet to those of us who knew and worked with Swede, he was much more than a fine engineer and manager. He was a larger-than-life human being whose opinions and guidance in many areas were respected and solicited by his associates. His ready smile and deliberate manner of speaking will remain a part of DSDP for a long time.

ACKNOWLEDGMENTS

A scientific venture of the magnitude of Leg 60 requires great care in its planning, which in this case took several years. We are grateful to the National Science Foundation and the various JOIDES member countries for providing support for the planning and execution of the South Philippine Sea drilling and particularly to the JOIDES Active Margins Panel, several of whose members reaped the fruits of their labors by participating on Leg 60. The Leg was devised as part of a two-leg transect across the ridges and troughs of the South Philippine Sea and was based largely on the results of excellent regional and site-specific surveys by numerous scientists and institutions. We thank all who organized and participated in these surveys.

During Leg 60, an unusual number of quite diverse sites were successfully drilled, including two in record water depths in the Mariana Trench. New downhole experimental programs for heat flow, electrical resistivity, and logging were conducted. These efforts were skillfully managed and carried out under the supervision of Operations Manager Bob Knapp and Drilling Superintendent Otis Winton. To them and their crew of drillers, pushers, and roughnecks, we owe a considerable vote of thanks for the success of the drilling. We also thank Mr. Edwin L. Denton and Mr. Robert A. Benoit for successfully introducing Gearheart-Owen logging to the repertoire of *Glomar Challenger* capabilities.

We thank Captain Lloyd Dill and the crew of the *Glomar Challenger* for ably and safely guiding the vessel to and from the sites, keeping it on station, and ensuring the safety and comfort of all on board. We thank Laboratory Officer Ted Gustafson and his fine group of technicians for their support in the shipboard laboratories and Gayle Burns, who patiently transformed pages of usually indecipherable penmanship into the typed reports that form the core of the site chapters of this volume.

For support on the beach in the production of this volume we thank our editors, Robert Powell and Marianna Lee; members of the DSDP Production Department Elaine Bruer and Madeleine Mahnken, who worked on the barrel sheets; Tommy Hilliard and the others who did the illustrations; Janice Bowman and later Nancy Durham, who kept track of all the manuscripts; and Mary Young and Ray Silk, who handled the pasteup and other matters.

Finally, we thank our scientific colleagues who have helped shape the direction of our inquiries and the interpretation of the scientific results of Leg 60 either in conversation or in writing. We especially acknowledge the interest and comments of Loren Kroenke, Bob Scott, and the other participants on Leg 59, which drilled the western half of the South Philippine Sea transect. And we thank all who contributed their time and effort to preparing reports for Volume 60, whether or not they actually participated in the drilling. Their work is the outcome of all the planning, surveys, drilling, experiments, and sample studies and is why all of it was done in the first place.

For the Leg 60 Scientific Party

Donald M. Hussong
Seiya Uyeda