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TITLE:

*CULTURE OF ABALONES AND ROCK SCALLOPS
USING A FLOATING LABORATORY MOORED IN
MISSION BAY, CALIFORNIA

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ABSTRACT

Application of the floating laboratory concept to hatchery culture of abalones and rock scallops was tested in 1975-76 using a monohull 25' pleasure craft. Successful experiments prompted construction of a larger vessel, a deck and laboratory superstructure supported by pontoons. The facility has been in operation since early 1978, moored in a marina cove near the entrance to Mission Bay. Seawater is delivered to tanks in the laboratory when current and tides bring offshore water into the cove. Use is made of inexpensive materials and equipment where ever possible.

This paper describes the laboratory, relates successes in spawning and rearing young of the pink and the green abalones (Haliotis corrugata and H. fulgens) and the purple-hinge rock scallop (Hinnites multirugosus), and compares culture conditions and success with those at the nearby La Jolla laboratory of the National Marine Fisheries Service.

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(Abstracts).

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