

Island Operations and Vessels

Appledore Island is a near-pristine, isolated environment. The island's facilities are simple, attractive and designed for utility. SML generates its own electricity and maintains systems for sewage disposal and fresh and salt water distribution. A compressed air system allows for SCUBA diving operations associated with SML's academic program. The SML island operating staff of about fourteen provides dining services and facilities support for our island campus and waterfront.

Housing

Program participants are housed two or four to a room in four modern dormitories with washroom facilities in each dorm. SML does not provide linens (certain exceptions apply). Fresh water is at a premium, so showers are limited, but salt water bathing is encouraged. Kiggins Commons has showers, dining and lecture halls, a darkroom, and a recreation area.

The Laboratories

The main laboratory, Palmer-Kinne Laboratory, is equipped with bench space for sixty students, both compound and dissecting microscopes, and sea tables with continuously running seawater for maintaining organisms. Three smaller laboratories are housed in the Grass Foundation Laboratory, Kiggins Commons and Lighton House. The library, classrooms, infirmary, and administrative offices are located in Lighton House and Hamilton House. Computer labs are located in Palmer-Kinne and Lighton House.

Meals

The kitchen is noted for its hearty cuisine, particularly fresh, local seafood dishes. Everyone gets a chance to sample the region's most famous delicacy, lobster. Those with dietary preferences, such as vegetarians, generally find it easy to satisfy their needs. Meals are served three times daily, and twice on Sunday.

Laboratory Vessels

SML vessels include inflatables; Boston whalers; a 19-foot sailboat, the S/V Mako; and the pride of the fleet, the 47-foot R/V John M. Kingsbury. The Kingsbury was built to the Laboratory's specifications and is used as an integral component of many courses to provide students with working experience aboard a coastal research vessel. SML is proud to announce the addition of the R/V John B. Heiser to its fleet. This state of the art, 36-foot jet-drive vessel will support SML's program and operational needs and growing research activities.

Public Access

Access to the Isles of Shoals is provided by scheduled public ferry service from Portsmouth, NH (mid-June through the beginning of September only), or by a Laboratory vessel. Ferry and mail services are fairly regular for most of the summer, but are subject to change or cancellation depending on sea conditions. The Shoals Marine Laboratory offers three separate opportunities for the general public to visit Appledore Island during the summer months. Due to the demands of our rigorous academic program and the fragile nature of our island environment, access is limited.

Communications

Through the end of season 2001, all administrative and academic communications at the Shoals Marine Laboratory were provided by two radio-telephone systems. For the first time in the history of SML, the field station will have hi-speed internet service to be provided by Tachyon, Inc. courtesy of the ADEC/NSF grant. This technology will enable SML's community of scholars to engage in research from SML's remote campus, as well as provide administrative, instructional and learning resources to SML's faculty, students, staff, interns and visiting researchers.

The Shoals Marine Laboratory Facilities and Vessels



SML Building/Facility Name

Square footage

1	Main dock	419
2	Kiggins Commons	7,842
3	Kingsbury House	2,376
4	Dive Locker and Paint Shed	587 and 125
5	Palmer-Kinne Laboratory	2,681
6	Radar Tower	2,418
7	Saltwater Pumping Station	100
8	Founder's Hall	4,931
9	Laighton House	2,398
10	Hamilton House	1,850
11	Bartels Hall	4,564
12	Wastewater Treatment Facility	153
13	Dormitory	1,690 x 3 dorms
14	Utility Building/Grass Foundation Laboratory	2,753
15	Generator room	(see no. 14)
16	Interior of Palmer-Kinne Laboratory	(see no. 5)
17	Interior of Kiggins Commons Laboratory	(see no. 2)
18	Fuel Storage Facility	1,326
19	Interior of Dive Locker	(see no. 4)
20	Kiggins Commons deck laboratory	(see no. 2)
21	Pole Barn	1,200

SML Vessels

R/V JOHN M. KINGSBURY

Delivered in 1984, the 47 ft. KINGSBURY can hold up to 43 standing passengers up to 20 miles offshore, 40 passengers up to 100 miles. The R/V KINGSBURY offers a small wet/dry lab in the main cabin, color fish-finder, depth sounder and GPS. The vessel has ample deck space, a 1-ton hydraulic crane, A-frame, and on-board salt-water pump. The KINGSBURY has four berths, and has a small galley.



R/V JOHN B. HEISER

Delivered in 2001, the HEISER is a utility and research vessel. USCG certified for 18 passengers plus 2 crew, for unprotected waters beyond 20 miles, this 36ft., jet-drive research vessel will support SML's program and operational needs and growing research activities. The HEISER will allow SML to expand our research and teaching capabilities to more locations around the Isles of Shoals, near the mainland and further offshore.