



SCUBA DIVING EQUIPMENT LIST FOR ALL SCUBA DIVERS attending the Shoals Marine Laboratory on Appledore Island, Maine.

APPENDIX 16: EQUIPMENT LIST FOR ALL SML SCUBA DIVERS

PLEASE NOTE: Prior experience USING OF ALL YOUR GEAR is preferred—in other words—use your gear BEFORE you get to SML/Appledore Island. For example, if you've never worn a wetsuit hood before—we strongly encourage you to give it a test drive!

REQUIRED ITEMS FOR ALL SCUBA DIVERS (diver must provide items in BOLD/RED):

(1) **FULL WETSUIT FOR COLD WATER DIVING** at least 1/4 inch (6mm) thick. This should include: “farmer-john” bottoms; jacket with either attached or separate hood; booties; and mitts or gloves.

[Note: A 3/16 inch (5mm) wetsuit augmented with a vest with attached hood is a less preferred, but acceptable alternative. **Anything less than 5mm will not be sufficient.]**

(2) **MASK, SNORKEL and FINS**

(3) Weight BELT and WEIGHTS (*SML provides*). IF, diver provides their own weight belt – please bring only those with metal buckles (no plastic please).

(4) Aluminum or steel TANK (*SML provides – you don't need to bring a tank!*).

(5) **BUOYANCY COMPENSATOR VEST (BC)**, equipped with a power inflator and exhaust valve, is required for all divers, including those using dry suits.

Maintenance requirement:

Must have been functionally inspected within the past 12 months.

(6) **REGULATOR** equipped with second stage, pressure gauge, power inflator and an octopus rig or safe second. Provide make and model number on your Diver Application!

Maintenance requirement: This equipment must have undergone inspection and needed maintenance within the previous 12 months.

(7) **DEPTH GAUGE and BOTTOM TIMER or DIVE COMPUTER** (please provide make and model on your Diver Application!)

Maintenance requirement: Must have been inspected within the previous 12 months.

(8) **DIVE KNIFE**

(9) **COMPASS**

(10) **Maintenance Records for Diving Equipment:** A copy of the written record, including the date and nature of work performed, serial number of the item, and the name of the person performing the work. **You must provide such records for all required equipment inspections/maintenance included in this list.**

[Note: If you are using rental equipment, you must get a letter from the dive shop indicating the dates of equipment inspections/maintenance and certifying that the equipment has been appropriately serviced.]

OPTIONAL ITEMS for SCUBA Diving at SML:

- **Dive light and batteries** for optional night dive
- Extra **sweats** (etc.) for pre and post dive wear
- Large bath or beach **towel** for the dive site (separate from your shower towel)
- Cold water vest
- Catch bag and/or dive bag
- **Extra** fin, mask straps, O-rings
- Old running shoes, **sneakers** of any kind to wear to/from the dive site
- Dry suits are acceptable with proper training and experience (at least 20 dives); they must be equipped with an exhaust valve.
- Over-the-counter **ear drops** to prevent ear infections!

(All appendices are from the Shoals Marine Laboratory Handbook for Diving Safety).