



Hazelett

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Conservation, security, and short scope technology.
The Hazelett elastic mooring systems provide the
essential tools for mooring field management.

Marine

Serving the international marine industry for more than 30 years from
135 West Lakeshore Drive, Colchester, Vermont 05446

Professional Hazelett Marine Dealership Orientation

Martha's Vineyard Shipyard (MVSY) inquired about becoming a professional conservation mooring installer over a year ago because of increased eco-interest on the island. MVSY has serviced most of the traditional moorings around the island.



Photo left: James Hale (red shirt) is the marketing director for Martha's Vineyard Shipyard. He and another professional mooring technician are following assembly instructions from the general manager of Hazelett Marine. Professional assembly and installation information is critical for the longevity and performance of the conservation mooring equipment.

The Vineyard Haven harbormaster has introduced a plan to convert all of the traditional chain moorings to conservation mooring equipment over the next several years. His plan involves converting each chain mooring system when it becomes worn out to the Hazelett Marine conservation mooring equipment.



Photo left: The pennant has been secured to the S/S swivel, and James is ready to install the spar buoy cap that will protect the finish of the boat from hardware scratches. The cap also has identification numbers attached to it.

NOAA Northeast Fisheries, Massachusetts Coastal Zone Management, and Massachusetts Fisheries identified an area in Vineyard Haven with healthy eelgrass that is largely populated with developing scallops. James Hale mentioned that there were over \$400,000 worth of scallops harvested around this area in 2008.

The U.S. sea scallop fishery is extremely important to the economy. It is the largest wild scallop fishery in the world. In 2007, it was the most valuable fishery in the U.S.



Photo left: The MVSY professional mooring barge is prepared to install the Hazelett Marine conservation elastic mooring system in the Vineyard Haven Harbor.



Photo left: The Hazelett Marine conservation mooring system is attached to the anchor block and is ready to be lowered to the bottom. Notice the gooey black and brown sludge on top of the anchor block. Traditional mooring chains must raise a potent cloud of this silt when they drag across the sea bottom.

Eelgrass will not survive with clouds of silt constantly settling on their leafy areas nor will any other sea grasses essential for the development of 75% of the commercial fishing stock.



Photo left: The mooring block was carefully lowered using a length of scrap chain attached to the MVSY winch system. It is essential to lower mooring blocks because they tend to flip over when dropped. The chain will rest on top of the block and probably never be used again.

A diver can usually connect the Hazelett Marine elastic mooring system in less than five minutes underwater. Disconnecting the chain system underwater can take more than a half hour even if the proper tools are used. Also, it would be very easy to lose mooring tools in the type of sludge present on top of the mooring blocks.



Photo left: This conservation mooring is ready for occupancy. It floats more than three feet above the water for easy pickup.

It takes 10 minutes to remove the spar buoy cap and pennant to make this mooring ready for winter. Cleaning the spar buoy well before installing the pennant and cap in the spring puts it in service again. Repeat for the next ten to fifteen years with a couple new pennants, and you have a very reliable mooring system that protects the sea bottom.

Conservation mooring systems give back to the community every hour of every day by protecting the

valuable natural resources. The Cape and the Islands have a rich fishing history that will improve with more conservation efforts by the people that directly use the waterfront and by generous people working to ensure fisherman find more stock to harvest in the future. In addition, home values are higher when they are located near healthy coasts.

The components for the Hazelett elastic conservation mooring systems are made in the U.S.A. for Hazelett Marine.

[Martha's Vineyard Shipyard](#) is the first professional dealer/installer on the island. MVSY offers a reliable and professional installation, a five-year warranty on the mooring system they sell, and a one-year warranty on the pennant and the cap.

[Jeff Lefebvre](#) for [Hazelett Marine](#) Conservation Anchoring Technology