

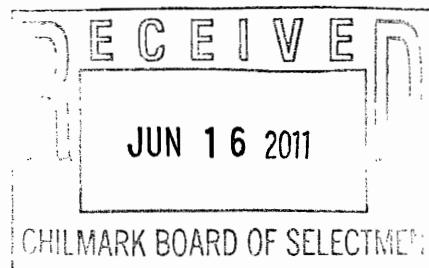


REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
NEW ENGLAND DISTRICT, CORPS OF ENGINEERS
696 VIRGINIA ROAD
CONCORD, MASSACHUSETTS 01742-2751

June 10, 2011

Regulatory Division
CENAE-R-PEA
Permit Number: NAE-2009-349



Warren Doty
Town of Chilmark
Town Hall
Beetlebung Corner
P.O. Box 119
Chilmark, Massachusetts 02535

Dear Mr. Doty:

In accordance with your recent request, your Department of the Army permit, number NAE-2009-349, is hereby modified. The modified work is proposed at a 15 acre site in Vineyard Sound approximately 0.8 miles offshore of Chilmark, Massachusetts and is described on the enclosed plans entitled, "Proposed Aquaculture Site, Offshore – Chilmark, MA," on two sheets.

A Corps of Engineers permit was previously issued to the Town of Chilmark in October, 2009, for one pilot longline within the 15 acre area. The Town has now requested the deployment of nine additional longlines within the 15 acre area for a total of 10 longlines. The Town has also requested that the 15 acre area be rotated 90 degrees and that the 10 longlines be deployed in groups of two in series to take advantage of the prevailing longshore current and to allow each group of two longlines to share a middle anchor. The groups of two longlines will be deployed in series parallel to the prevailing current with the necessary distance between the lines to allow the passage and maneuvers necessary for service vessels to work the lines.

The proposed work involves the placement of 10 submerged longline structures in groups of two in series below the mean high water line within a 15 acre subtidal area for mussel cultivation. Each longline will consist of 1.12 inch polysteel longline anchored by two 4,000 kg concrete deadweight anchors. Each group of two longlines will require three anchors as they will be in series and will share an anchor. Additional intermediate 30 kilogram concrete block anchors may be installed at 7 meter intervals along each longline to hang to the bottom.

Buoyancy will be achieved with two 24 inch diameter circular plastic submerged floats located at each end of the horizontal section of the longlines as well as intermediate 16 inch diameter circular plastic floats spaced as needed along the horizontal sections. The distance between anchors will be 165 meters and the horizontal longline length between end floats will be 117 meters. The submerged depth for the longlines will be 8 meters. At the water's surface, there will be five marking buoys per longline.

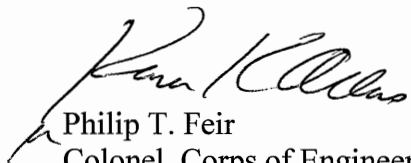
One longline was also previously permitted under the original permit at a 10 acre site in Rhode Island Sound approximately 3 miles offshore of Chilmark, Massachusetts. No additional longlines have been requested for the 10 acre site.

The conditions of the original permit remain in full force and effect except condition #14 of the original permit shall be replaced with the following special condition:

14. *If any listed species is observed to be entangled or otherwise interacting with the facility structure, permittee (or onboard staff) shall immediately contact the Center for Coastal Studies Disentanglement Team, Provincetown, MA @ (800) 900-3622 (this is a 24 hour number) and notify the NMFS Stranding Hotline at (978) 281-9351. Permittee should then contact NMFS Protected Resources Division, Gloucester, MA @ (978) 281-9328. Resuscitation may be attempted on sea turtles that are comatose or inactive (but not dead) by following the procedures below (as outlined in 50 CFR 223.206(d)(1):*
- a. *Placing the turtle on its bottom shell (plastron) so that the turtle is right side up and elevating its hindquarters at least 6 inches for a period from 4 to 24 hours. The amount of the elevation depends on the size of the turtle; greater elevations being needed for larger turtles. Periodically, rock the turtle gently left to right and right to left by holding the outer edge of the shell (carapace) and lifting one side about 3 inches then alternate to the other side. Gently touch the eye and pinch the tail periodically to see if there is a response. Sea turtles being resuscitated must be shaded and kept damp or moist but under no circumstance be placed into a container holding water. A water-soaked towel placed over the head, carapace, and flippers is the most effective method in keeping a turtle moist. Sea turtles that revive and become active must be released over the stern of the boat when the engine gears are in neutral and in areas where they are unlikely to be recaptured or injured by vessels.*

We continually strive to improve our customer service. In order for us to better serve you, we would appreciate your completing our Customer Service Survey located at <http://per2.nwp.usace.army.mil/survey.html>

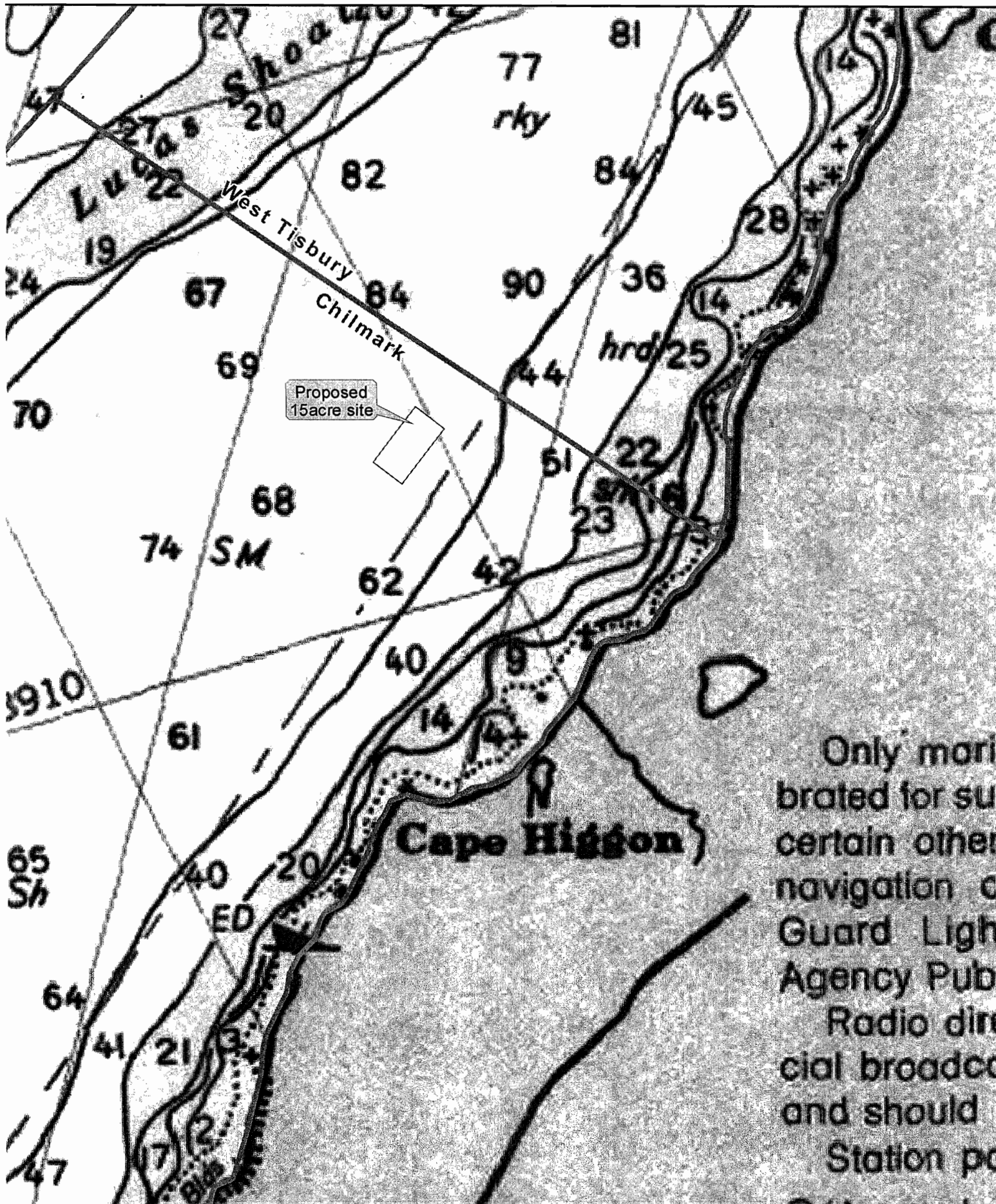
BY AUTHORITY OF THE SECRETARY OF THE ARMY:


Philip T. Feir
Colonel, Corps of Engineers
District Engineer

Attachment


Copy Furnished:

Richard C. Karney, Martha's Vineyard Shellfish Group, Inc., P.O. Box 1552, Oak Bluffs, Massachusetts 02557



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navigation a
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Proposed Aquaculture Site Offshore - Chilmark, MA



MASS GIS

Soundings are in Feet at MLLW

Proposed Aquaculture Site

Offshore Town Boundary

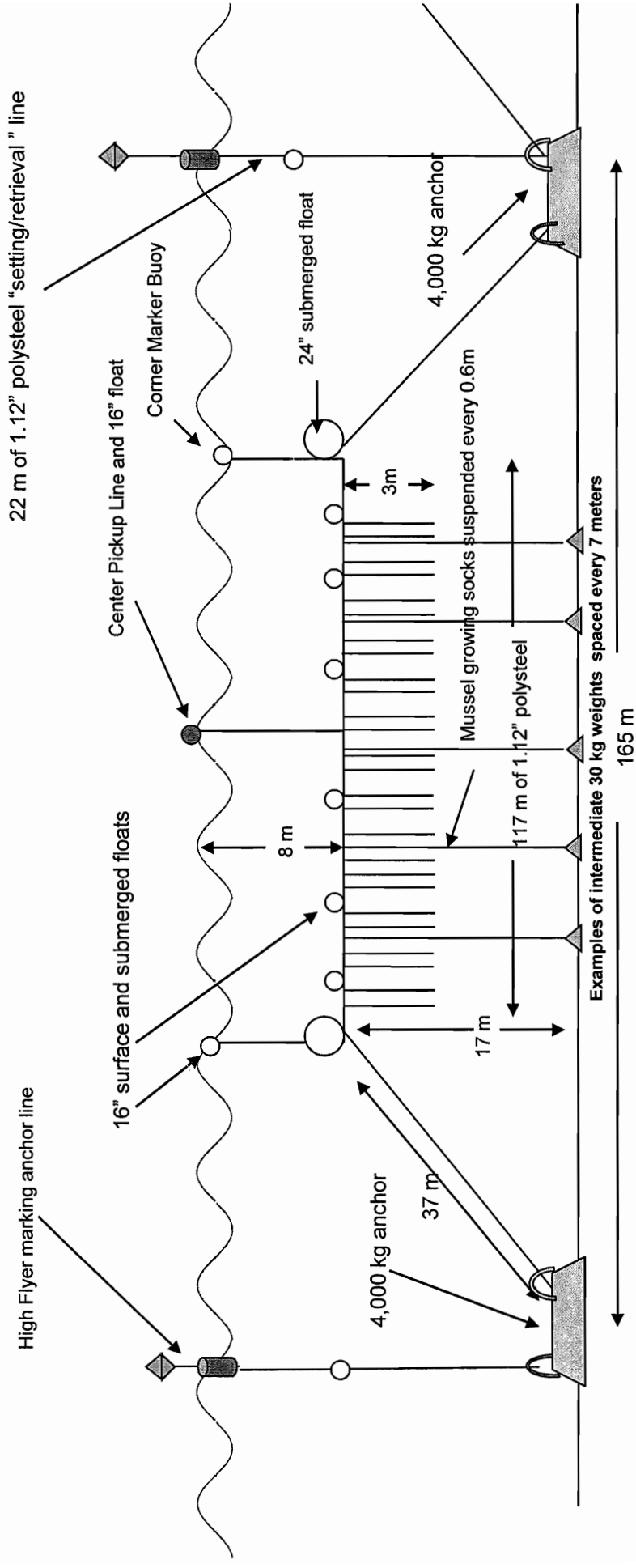
0 0.25 0.5 0.25 0.5

Kilometers Miles

Note: This map is for planning purposes only. It is not adequate for legal boundary definition or navigation. The MVC cannot be responsible for how this data is used or interpreted by the end user.

Prepared by: The Martha's Vineyard Commission, CL Seidel
3/24/11, www.mvcommission.org, 508-693-3453
Data: Nautical Chart #13218 - NOAA/MassGIS 1993; Proposed Aquaculture Sites - MV Shellfish & MVC 2011
Coordinate Reference: State Plane, Mass Mainland, NAD 83, m
File: c:\s_estuaries_civ_shellfish_rev2011_031.mxd; original in color

Plan of new mussel longlines at N. Chilmark



Plan of connection between longlines and anchors

