



State of Rhode Island  
**Coastal Resources Management Council**  
Oliver H. Stedman Government Center  
4808 Tower Hill Road, Suite 3  
Wakefield, RI 02879-1900

(401) 783-3370  
Fax (401) 783-2069

### **PUBLIC NOTICE**

File Number: 2013-04-057 Date: August 31, 2022

This office has under consideration the application of:

**Adam Silkes  
d/b/a AT Marine  
65 Pierce Road  
North Kingstown, RI 02852**

for State of Rhode Island Assent modification to: add Sugar Kelp (*Sacharina latissimi*) to the list of approved species for this aquaculture site which will be grown on the existing submerged longlines.

Project Location:	West Passage, Narragansett Bay
City/Town:	Jamestown
Waterway:	Dutch Island Harbor

Plans of the proposed work are attached.

In accordance with the Administrative Procedures Act (Chapter 42-35 of the Rhode Island General Laws) you may request a hearing on this matter.

You are advised that if you have good reason to enter protests against the proposed work it is your privilege to do so. It is expected that objectors will review the application and plans thoroughly, visit site of proposed work if necessary, to familiarize themselves with the conditions and cite what law or laws, if any, would in their opinion be violated by the work proposed.

If you desire to protest, you must attend the scheduled hearing and give sworn testimony. A notice of the time and place of such hearing will be furnished you as soon as possible after receipt of your request for hearing. If you desire to request a hearing, to receive consideration, it should be in writing (**with your correct mailing address, e-mail address and valid contact number**) and be received at this office on or before September 30, 2022.

Please email your comments/hearing requests to: [cstaff1@crmc.ri.gov](mailto:cstaff1@crmc.ri.gov); or mail via USPS to: Coastal Resources Management Council; O. S. Government Center, 4808 Tower Hill Road, Rm 116; Wakefield, RI 02879.

/lat



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## REQUEST FOR ASSENT MODIFICATION

Assent/Permit Number: A2013-04-057 (including extensions) Expiration Date: \_\_\_\_\_  
 Name of Assent Holder: Adam Silkes DBA A.T. Marine  
 Location of Project: West Passage Narragansett Bay Jamestown  
 City/Town: Jamestown Plat: \_\_\_\_\_  
 Lot: \_\_\_\_\_

Name of Present Owner: Adam Silkes  
 Mailing Address: 65 Pierce Road  
 City/Town: Southweston State: RI  
 Zip: 02874  
 Phone Number: 401 742 7690 Email Address: adam@americanmade.com  
 Abutters: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

I hereby certify that the names and addresses of adjacent property owners whose property adjoins the project site are accurate and current as of the date of application. If said names and addresses are found to be not accurate and/or current, any subsequent Assent may become Null and Void. Signed: \_\_\_\_\_

Describe the proposed modification(s): add Sugar Kelp, Saccharina latissima to our list of species that we are able to grow at this site. This modification will not require any gear modification or additions. There won't be any change to visual impact  
 Reason: To meet the increasing demand for sustainably farmed Kelp  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 What state of construction is the project in: A.T. Marine has been operating successfully at this lease location since 2013  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Adam Silkes  
 Owner Name (PRINT)

[Signature]  
 Owner's Signature (SIGN)

Note: The applicant acknowledges by evidence of their signature that they have reviewed the Rhode Island Coastal Resources Management Program, and have, where possible adhered to the policies and standards of the program. The applicant also acknowledges by evidence of their signature that to the best of their knowledge the information contained in the application is true and valid. The filing of false information can result in the Coastal Resources Management Council revoking State Assent. Applicant requires that as a condition to the granting of this assent, members of the CRMC or its staff shall be access to the applicant's property to make on-site inspections to insure compliance with the assent. This application is made under oath and subject to penalties of perjury. 5/00

## AT Marine Kelp Operations Plan 2022

1. *Name and Mailing Address:* Adam Silkes DBA AT Marine. 65 Pierce Road, Saunderstown, RI 02874
2. *CRMC file number:* A2013-04-057
3. *DEM Aquaculture License number:* 90
4. *Type of facility, nature of operation:* Commercial Aquaculture Lease site suspension culture of Kelp
5. *Location of facility:*
  - a. Jamestown
  - b. East Passage Narragansett Bay
  - c. 41 31.007 N 71 23.615 W
6. *Species of shellfish grown at this lease:* This site is already approved for both suspension and floating culture of oysters, as well as suspension culture of mussels. Looking to add suspension culture of Kelp
7. *Types of structures, gear and methods used at this lease:* Currently we grow oysters in suspension cages that are 2'x2'x4' every 5' along the 12 separate 600' long main lines. The main lines are suspended 5' below the surface and floated with plastic floats at the surface. We haven't grown mussels there in several years due to migratory duck predation. Kelp culture would utilize all the existing anchors in the water and not add any new gear. Kelp would be planted in late Fall and harvested in early spring. It will grow suspended from the main lines same as our oyster suspension cages.
8. *Build out plan:* The site is already built out. Nothing will visually change at the surface by adding kelp to the permit. We have (2) 48' work boats that will/do service this lease already.
9. *Methods and equipment used to identify and mark site:* The site already has lighted buoys on its western corners, as well as aluminum radar poles to mark its edges.
10. *DEM Shellfish Harvesting Classification at this site:* Approved
11. *Practices and Procedures:* Kelp will be spawned by our partners using native RI Kelp. It will be deployed during the late Fall on our existing lines/structures already in the water. Throughout the winter we will monitor growth at a minimum every two weeks. We will add floats as necessary. Visual impact will not change from what we already have now with our oyster suspension cages/floats. In the late Spring, we will harvest the kelp into bulk bags provided to us by our partners. The bulk bags will be craned off the boat into a reef truck on land and driven to our partners facility for processing.
12. *Floating gear operations:* This lease is already approved for floating oyster cages. This application is a modification to add Kelp suspension culture to the permit.
13. *Projected per unit area yield and applicants capability:* We are told that we will likely see 3-5 lbs per linear foot of grow space. Using all 12 lines that translates to 18,000-30,000 pounds of kelp. We have been in the business for 20 years and have very capable staff and equipment to handle this project.
14. *Safety of equipment:* We are not introducing any new gear. The gear we have had in the water has lasted for 9 years in all weather conditions. If a line does break, we have very capable staff and equipment to clean up the aftermath very quickly and efficiently.
15. *Maintenance Records:* The seed will be spawned by native RI kelp.

## AT Marine Kelp Category B

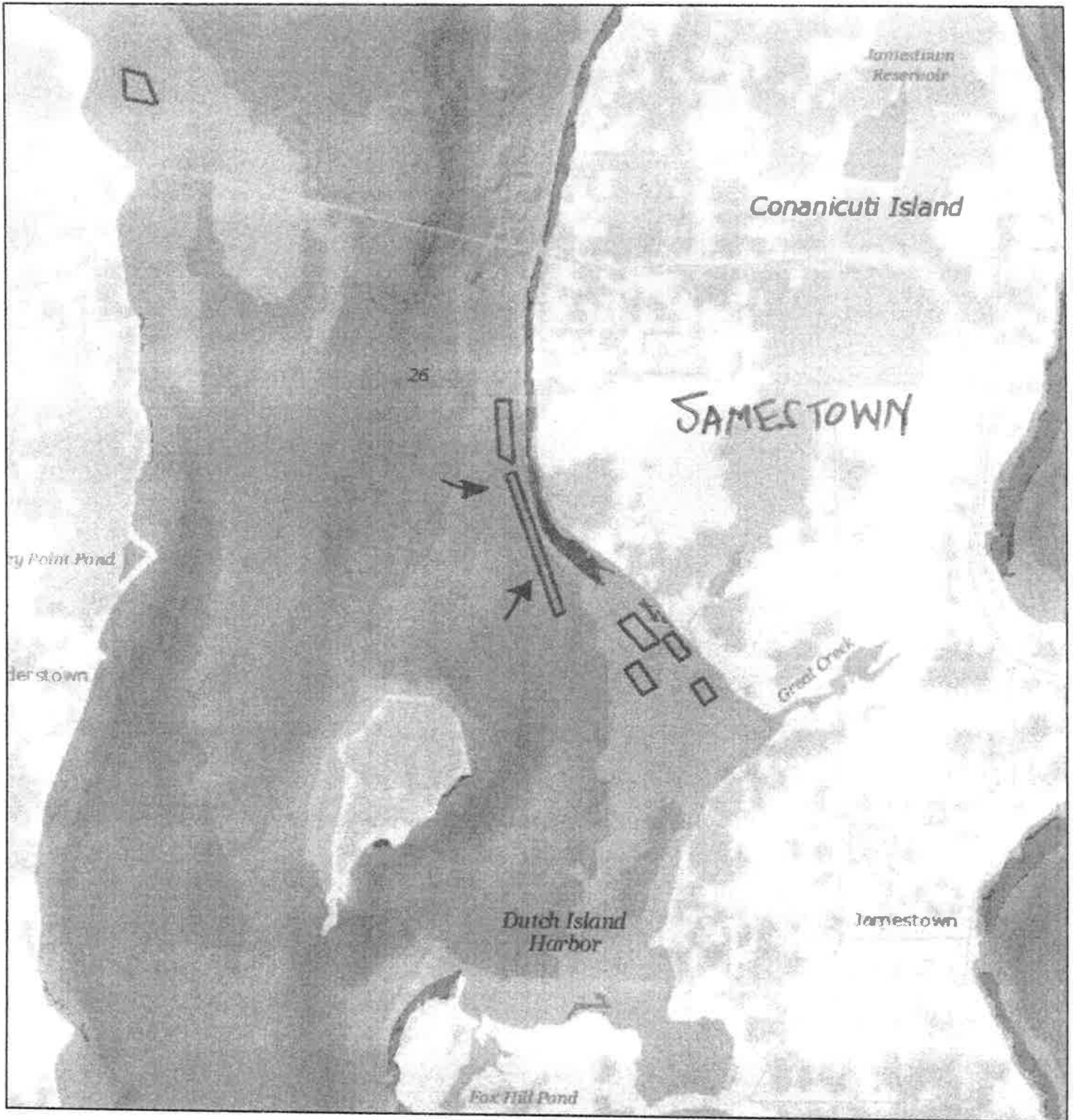
1. *Demonstrate the need for the proposed activity:* The company is looking to diversify its species allowed to grow at this site to help cash flow.
2. *Demonstrate that applicable zoning ordinances have been met:* This is a pre-existing 9-year-old lease already 100% active.
3. *Describe nearby areas that will be affected:* This modification will not add any additional activity to this lease so nothing new will be affected.
4. *Demonstrate that the alteration will not result in significant impacts to erosion etc.:* Growing kelp at this lease during the winter months where oysters are already grown will not cause erosion. Kelp is an aquatic plant; therefore it does not produce bio waste.
5. *Demonstrate that the alteration or activity will not result in significant impacts on the abundance and diversity of plant and animal life:* Growing kelp at this lease will add to the diversity of plant and animal life at this lease. Kelp is a plant.
6. *Demonstrate that the alteration will not unreasonably interfere with public access:* This lease has been in existence for 9 years and adding kelp culture will not change its existing structure in the water.
7. *Demonstrate that the alteration will not result in significant impacts to water flow etc.:* This lease is already permitted for and actively engaged in suspension culture of oysters. Growing Kelp using the existing main lines and already approved suspension technique will not impact water flow, turbidity, or sedimentation.
8. *Demonstrate that there will not be deterioration in the quality of the water:* Kelp will improve water quality by removing carbon from the surrounding water where it is grown.
9. *Demonstrate that the alteration or activity will not impact areas of historic and archaeological significance:* This lease has been in existence for 9 years. With this modification, there won't be any new gear introduced, therefore it is not possible to impact historic and archeological areas nearby.
10. *Demonstrate that the alteration or activity will not result in conflicts with other water users:* This lease modification will not introduce new gear. This lease has coincided with other water users for 9 years.
11. *Demonstrate that measures have been taken to minimize scenic impact:* Scenic impact will not change from what is fully permitted there now.

## Additional Category B

1. *Location and size of the area:* The location is a 9-year-old aquaculture lease already permitted by RI CRMC. Assent number A2013-04-057. It is 8.25 acres and located in the West Passage of Narragansett Bay off Jamestown.
2. *Identify the species to be managed and cultivated:* The lease is already approved for oysters and mussels. This application is for the addition of Kelp.
3. *Describe the method of cultivation to be used:* Kelp will be suspended from the already existing and permitted lines at the lease. It will be sold commercially.
4. *Provide such information for the council to determine:*

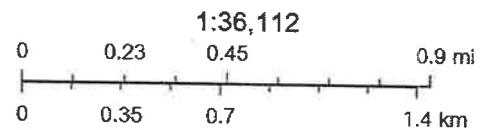
- a. *Compatibility of proposal with other existing users:* Lines are 50' apart from each other and have been there for 9 years. Other water usage is very compatible.
  - o *Property owners within 1000':* Historic New England Watson Farm
  - o *Aquaculture leases within 1000':* Goerner (11-02-049), Opton-Himmel (19-12-055), Seakist (19-10-050)
  - o *CRMC ROW within 1000':* N/A
  - o *CRMC water use types within 1000':* Low Intensity, Conservation, Multi-purpose
  - o *Any shoreline within 1000' preserved for preservation/conservation:* Historic New England Watson Farm
- b. *Degree of exclusivity for this proposal:* This lease has been approved and in existence for 9 years. This application does not wish to add any gear or modify any gear at this lease. This application would only add Kelp to approved species to grow at this lease. Kelp will be suspended from the existing structure already in the water. The lines are 50' apart from each other. That is sufficient room to allow all other water users in that area.
- c. *Safety and security of equipment:* The lease is marked at its western corners with USCG approved and registered PATON lighted buoys. The rest of the lease is marked with aluminum radar pole high flies.
- d. *Projected per unit area yield of product:* We are told that we will likely see 3-5 lbs per linear foot of grow space. Using all 12 lines that translates to 18,000-30,000 pounds of kelp.
- e. *Cumulative impact of the proposal:* This lease has been in the area for longer than any other lease in the Dutch Island Jamestown area. This application does not wish to add any more gear.
- f. *Capability of the applicant:* We have been in business for 20 years and have very capable staff and equipment to handle this project.
- g. *Impact of proposal on scenic qualities of the area:* There won't be any new gear therefore visual impact will remain the same as it is now.

# Aquaculture Location Sketch



3/29/2019, 8:05:37 AM

- SAV 2006    ■ SAV 2016
- SAV 2009    □ Aquaculture Area
- SAV 2012

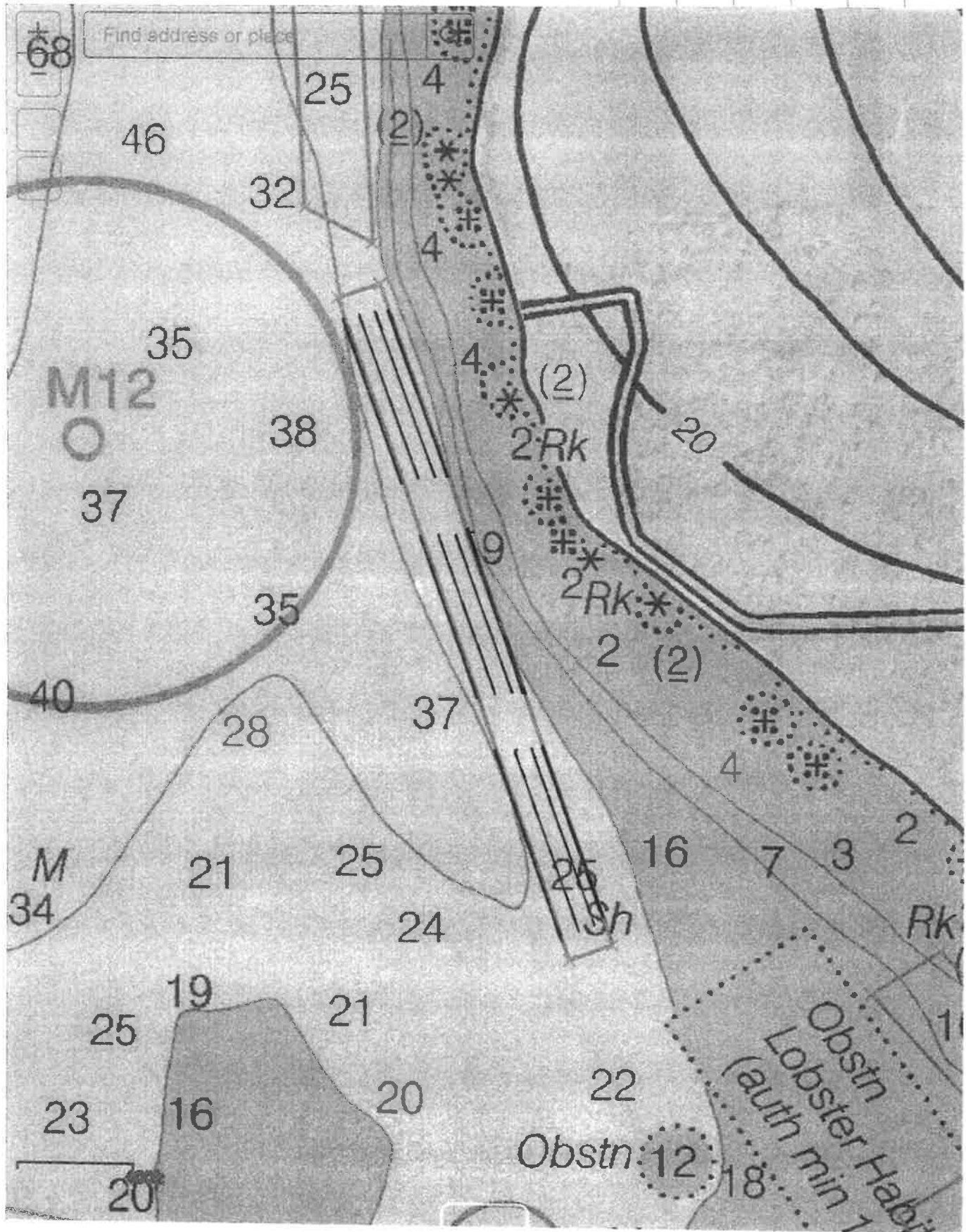


Sources: Esri, GEBCO, NOAA, National Geographic, Garmin, HERE, Geonames.org, and other contributors, Esri, Garmin, GEBCO, NOAA, NGDC, and other contributors

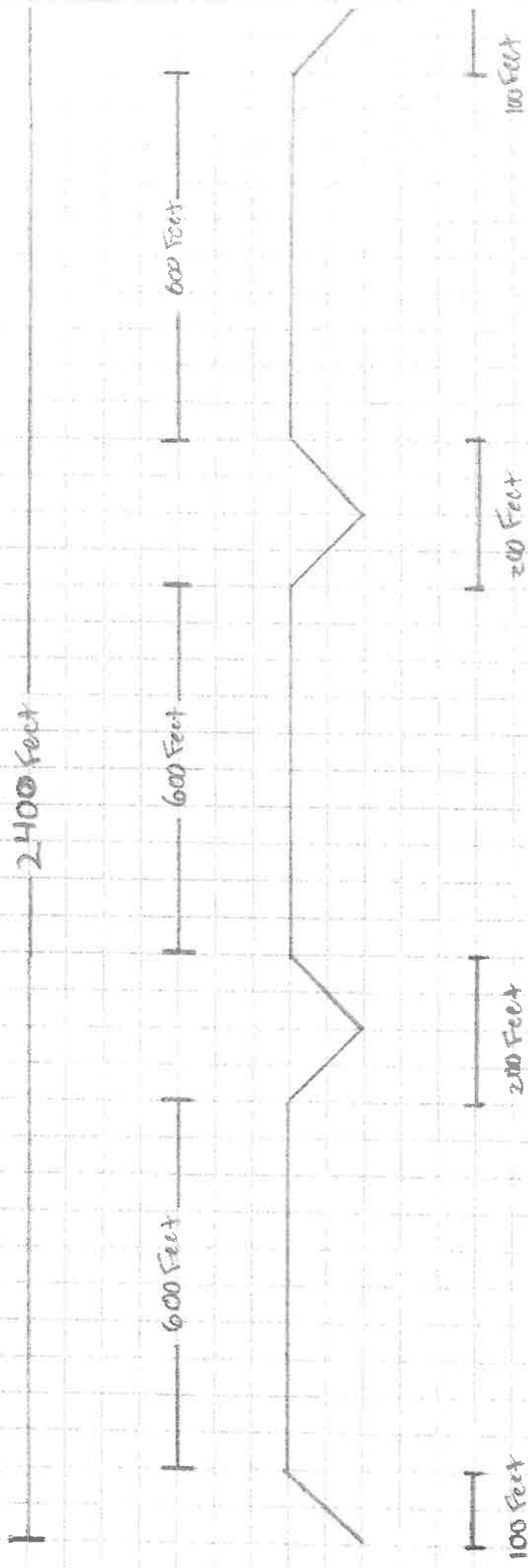


# Aerial View To Scale

Approved Aquaculture Leases in Rhode Island



August 10, 2022



Depicts Side View of Long Line Array

\*NOT TO SCALE

August 10, 2022

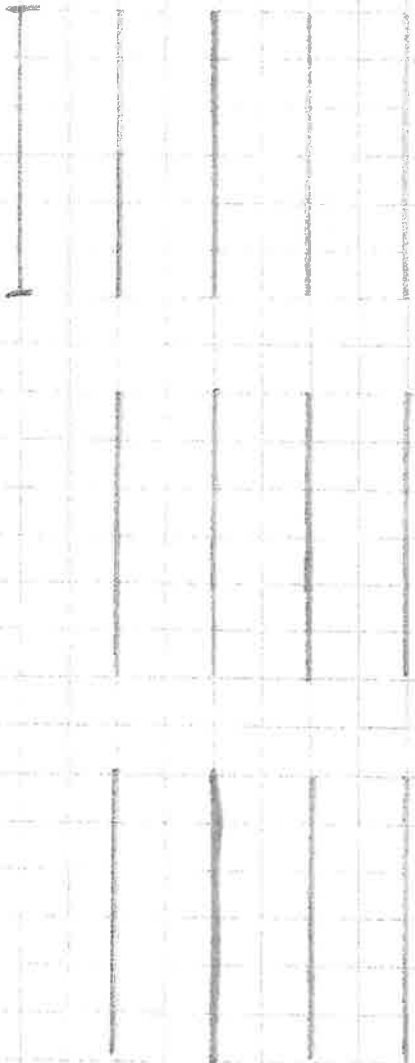




50 Feet

600 Feet

Jamestown



Depicts current Lease and Long Line Arrangement

\*NOT to Scale

August, 10, 2022

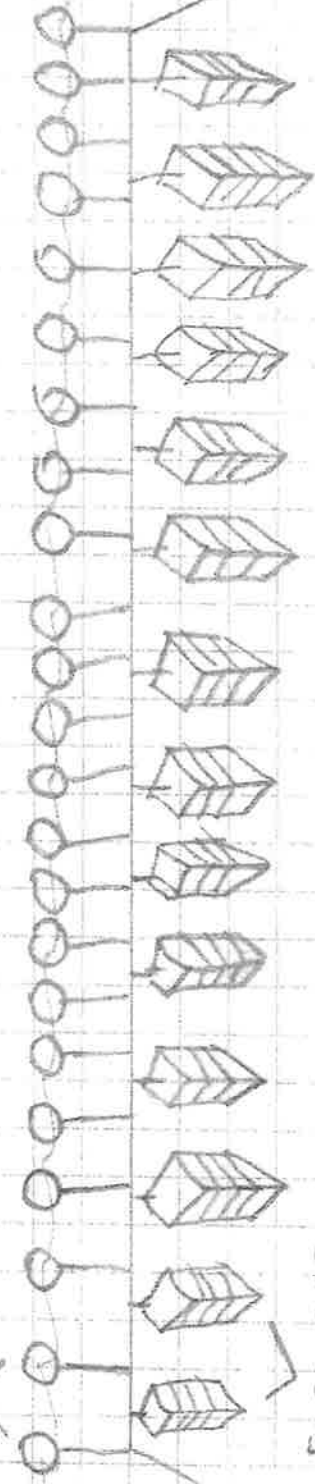
# CURRENT LONG-LINE DESIGN AND USAGE

\* NOT TO SCALE

August 10, 2022

SURFACE FLOATS

SURFACE



SUSPENDED  
OYSTER  
CAGES  
EVERY 5 FEET

ANCHOR

BOTTOM

ANCHOR