

## STANDARD LEASE APPLICATION: NON-DISCHARGE

### 1. APPLICANT CONTACT INFORMATION

Applicant	Stewart Hunt		
Contact Person	Stewart Hunt		
Address	32 Osprey Lane		
City	Yarmouth		
State, Zip	ME, 04096		
County	Cumberland		
Telephone	207 751-4908		
Email	Stewart@CascoBayMooring.com		
Type of Application	<input type="checkbox"/> Draft Application [submitted before scoping session session] <input checked="" type="checkbox"/> Final Application [submitted after scoping session]		
Dates	Pre-Application Meeting: 8/27/2020	Draft Application Submitted: 1/25/2021	Scoping Session: 2/26/21

**Note:** If applicant is a corporation or a partnership, the “Corporate Applicant Information Document” available at: <http://www.maine.gov/dmr/aquaculture/forms/standard.html> must also be completed.

### 2. PROPOSED LEASE SITE INFORMATION

Location of Proposed Lease Site	
Town	Chebeague Island
Waterbody	Casco Bay
General Description (e.g. south of B Island)	NNE of Seal ledge, Chebeague Island, ME
Lease Information	
Total acreage requested (100-acre maximum)	<b>13.75 acres</b> (divided into 2 areas) Area “K” =Kelp (winter farm) 12.35 acres, and Area “S” = Scallops/Urchins 1.4 acres
Lease term requested (20-year maximum)	20 - Year
Type of culture (check all that apply)	<input type="checkbox"/> Bottom (no gear) <input checked="" type="checkbox"/> Suspended (gear in the water and/or on the bottom)
Is any portion of the proposed lease site above mean low water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**Note:** If you selected yes, you need to complete the steps outlined in the section titled: “19. Landowner/Municipal Permission Requirements”.

### 3. WATER QUALITY

Directions: Water Quality Information can be found here: <http://www.maine.gov/dmr/shellfish-sanitation-management/closures/pollution.html>

Pollution Area (e.g. "19-A"):	Area 14
Pollution Area Section (e.g. "B.2" or "none"):	None
Water Quality Classification (e.g. approved, restricted, etc.):	Approved
Growing area classification:	WI

**Note:** If you are proposing to grow molluscan shellfish in waters classified as anything other than open/approved, you will need to contact the Bureau of Public Health to discuss your plans at the following email: [DMRPublicHealthDiv@maine.gov](mailto:DMRPublicHealthDiv@maine.gov)

### 4. SPECIES INFORMATION

A. Please complete the table below and add additional rows as needed.

Name of species to be cultivated (include both common and scientific names):	Name and address of the source of seed stock, juveniles, and/or smolts	Maximum number (or biomass) of organisms you anticipate on the site at any given time
1. Sugar Kelp ( <i>S. latissima</i> )	Atlantic SeaFarms 89 Industrial Park Road Saco, ME 04072	25,000lbs
2. Skinny Kelp ( <i>Saccharina latissima</i> forma )	Atlantic SeaFarms 89 Industrial Park Road Saco, ME 04072	25,000lbs
3. Dulse ( <i>P. palmata</i> )	Atlantic SeaFarms 89 Industrial Park Road Saco, ME 04072	10,000lbs
4. Winged Kelp ( <i>C. esculenta</i> )	Atlantic SeaFarms 89 Industrial Park Road Saco, ME 04072	5,000lbs
5. Sea Scallop ( <i>P. magellanicus</i> )	Wild spat collection	500,000 organisms
6. Green Sea Urchin ( <i>Strongylocentrotus droebachiensis</i> )	University of Maine Center for Cooperative Aquaculture Research Salmon Farm Road Franklin, ME 04634 207 422-8918	500,000 organisms

B. Do you intend to possess, transport, or sell whole or roe-on scallops?  Yes  No

If you answered "yes" please contact the Bureau of Public Health to discuss you plans at the following email: [DMRPublicHealthDiv@maine.gov](mailto:DMRPublicHealthDiv@maine.gov)

**Note:** If you are proposing to grow molluscan shellfish, this application also serves as your written operational plan as required in the National Shellfish Sanitation Program (NSSP) Model Ordinance Chapter 2 and must be maintained in your files. If you wish to submit an operational plan separate from this application, please contact: [DMRPublicHealthDiv@maine.gov](mailto:DMRPublicHealthDiv@maine.gov)

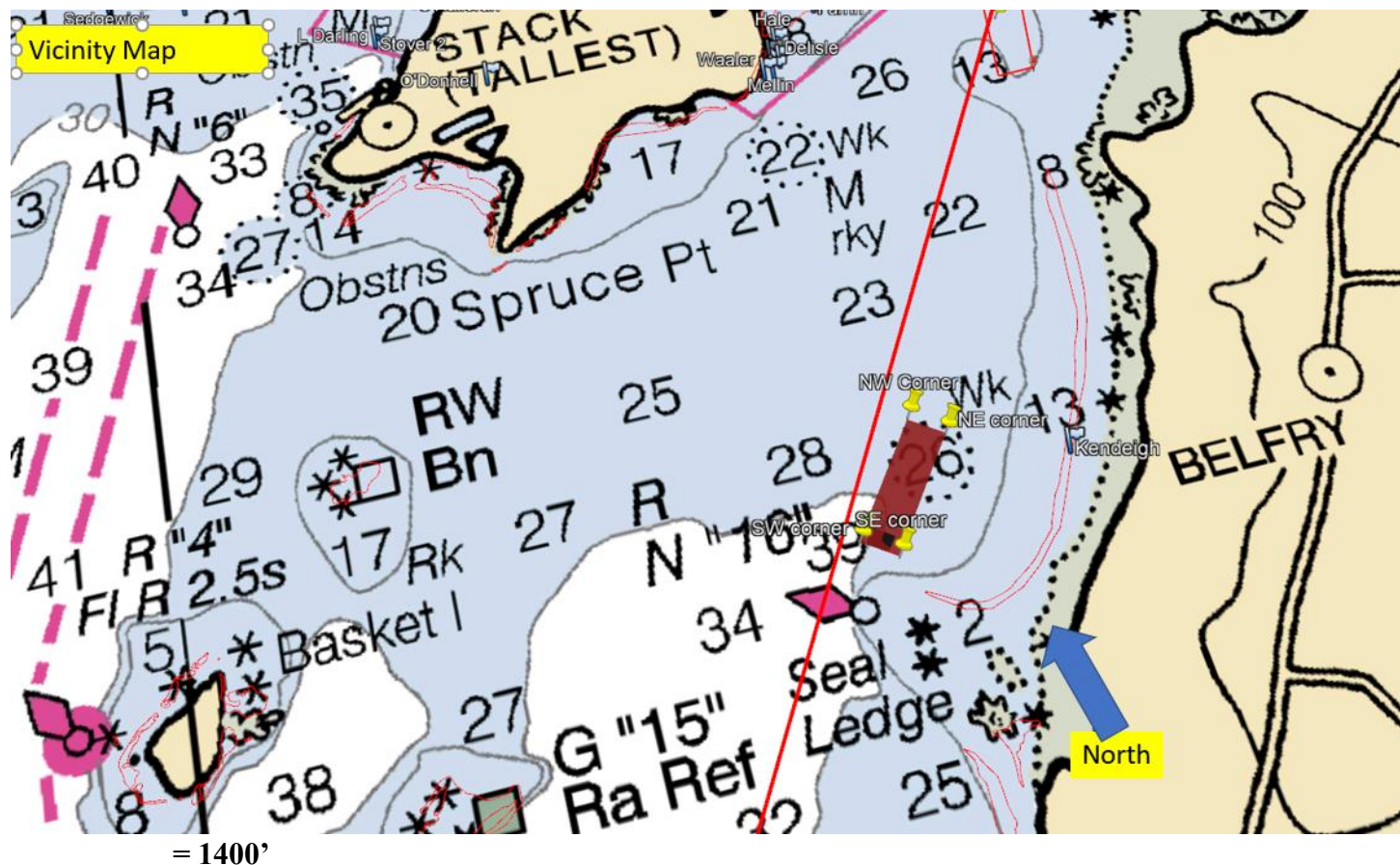
## 5. VICINITY MAP

**Note:** Please label as: ‘Vicinity Map’.

**Directions:** Using a NOAA Chart or USGS topographic map, show the area within a minimum of one-half mile of the proposed lease site.

The map needs to display the following:

- The waters, shore lands, and lines of mean high and mean low water within the general area of the lease
- An arrow indicating true north
- A scale bar
- The approximate lease boundaries



Farm intentionally set east of rhumb line to avoid traffic heading up and down bay.

## 6. BOUNDARY DRAWING

**Note:** Please label as: ‘Boundary Drawing’.

**Directions:** Depict the boundaries of the proposed lease site. Provide a drawing with all corners, directions, and distances labeled. Provide coordinates for each corner as follows:

- Coordinate Description  
Provide geographic coordinates for each corner of the lease site in latitude and longitude as accurately as possible (e.g., to the nearest second or fraction of a second). Identify the datum from the map, chart, or GPS unit used to develop these coordinates. The datum will be shown on the map or chart you are using. The Coordinate Description may be provided separately from the Boundary Drawing.

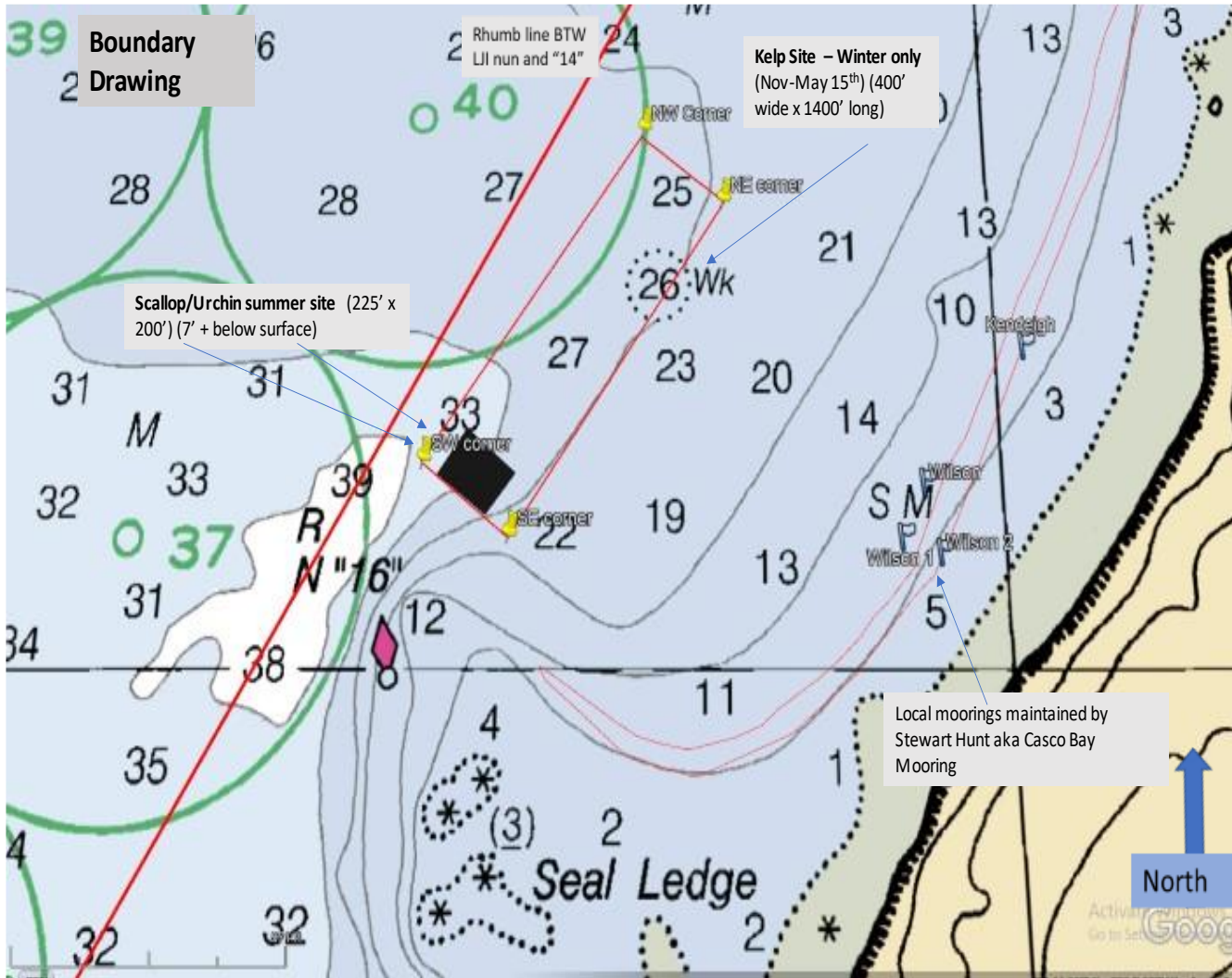
Boundary Drawing Coordinates: Datum WGS84

NW Corner: 43°44.299'N, 70°08.316'W

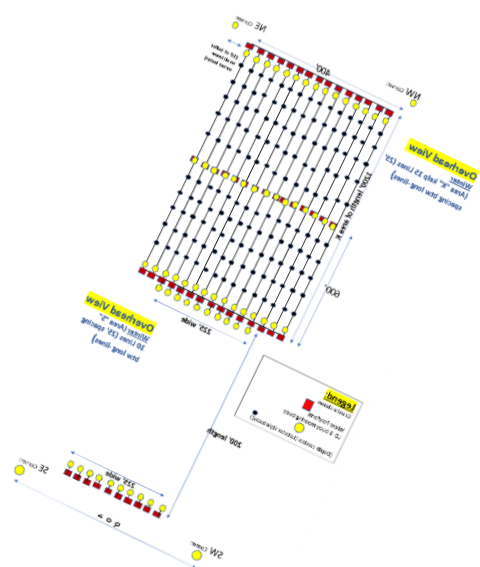
NE Corner: 43° 44.255'N, 70°08.243'W

SW Corner: 43°44.106'N, 70°.08.508'W

SE Corner: 43° 44.065'N, 70°.08.431'W



Gear orientation as per illustrations on page 10-14. (Note: small summer only footprint of gear)





## 7. SITE DEVELOPMENT

**Directions:** If your operations require the use of cages, nets, ropes, trays, or any object (structure) other than the organism to be grown directly on the bottom or buoys to mark the corners of the lease site, you must submit gear drawings and maximum structure schematics (information below). This section is intended to provide accurate plans depicting the physical structures to be placed in the proposed area. All dimensions need to be labeled with the appropriate units (i.e. 10ft, 10in). If you are proposing a bottom lease (no gear), please skip to question “F. Marking”.

**Note:** You may embed the schematics within the document or attach them to the end of your application. If you attach the schematics, please label them according to the instructions provided below.

### A. Gear Information

**Directions:** Include a drawing of an individual piece of gear for each of the gear type(s) you plan to use. Include units referenced (i.e. 10in, 10ft, etc.).

1. **Gear Drawing:** Please include the following for each gear type that will hold organisms to be cultured (e.g. Polar circles, marine algae longlines, oyster cages) and label as “Gear Drawing”. This view must show the following:
  - Length, width, and height of each gear type.
2. **Gear Table:** List and describe each individual gear type that you will use in the table below. (e.g. Polar circles, marine algae longline, oyster cages, moorings, mooring lines, buoys, etc.).

<b>Specific Gear Type</b> (e.g. soft mesh bag)	<b>Dimensions</b> (e.g. 16"x20"x2")	<b>Time of year gear will be deployed</b> (e.g. Spring, Winter, etc.)	<b>Maximum amount of this gear type that will be deployed on the site</b> (i.e. 200 cages, 100 lantern nets, etc.)	<b>Species that will be grown using this gear type</b>
Scallop Bottom Cages	48" x 36" x 20"	Nov 16 <sup>th</sup> – May 31 <sup>st</sup>	400 cages	Scallops/urchins combined
Plastic black mesh oyster grow bag	31" x 20" x 3"	Nov 16 <sup>th</sup> -May 31 <sup>st</sup>	3 per cage	Scallops/urchins combined
Lantern Nets	7' x 30" x 30"	June 1 <sup>st</sup> – Nov 15 <sup>th</sup>	500 lantern nets (max)	Scallops/urchins combined
2000lb Granite Moorings	5' x 4' x 3"	Jan 1 <sup>st</sup> – Dec 31 <sup>st</sup>	45	Kelp/scallops/urchins
Chain	½" x35' each block	Oct 20 <sup>th</sup> – May 30 <sup>th</sup>	45	Kelp/scallops/urchins
Braided long lines	11/32" -1000'	Oct 20 <sup>th</sup> – May 30 <sup>th</sup>	15	Kelp
LD -3 Yellow buoys	29" x 14"	Jan 1 <sup>st</sup> – Dec 31 <sup>st</sup>	6 annually	Kelp/scallops/urchins

LD -2 Yellow Buoys	24" x 11.5"	Oct 20 <sup>th</sup> - May 30 <sup>th</sup>	45 (seasonal) 20 (annually)	Kelp/scallops/urchins
Hard Lobster Buoys	12" x 5"	Oct 20 <sup>th</sup> – May30 <sup>th</sup>	100 seasonal 100 seasonal	Kelp/scallops/urchins
Summer long lines	5/8' x 200'	June 1 <sup>st</sup> – November1 <sup>st</sup>	10 seasonal	Kelp/scallops/urchins

Gear Drawing:

Oyster Grow bag drawing

Oyster HDPE mesh grow bags  
 Dimensions:  
 100.5 cm x 50cm x 31cm  
 Will use 6mm, 14mm and 18mm mesh sizes

Fits inside cage from Page 1



Page  
2

Gear Drawing:

Scallop Bottom Cage drawing

Oyster Grow Cage – repurpose for scallop wintering on bottom (pg. 1)  
 Wire mesh cage holds bags seen on page 2

Lines connect to other cages and or mushroom anchor

Dimensions:  
 48" long  
 36" wide  
 20" tall



Gear Drawing  
Lantern Net Drawing

7 feet long



30 inches in diameter

Lantern net has 7 nylon mesh disks 30 inches in diameter. Scallops rest on top of these mesh disks, all enclosed by mesh. Mesh is 4-7 mm in

- Gear Drawing:**
- 2000lb mooring block with 1 1/4" staple
  - 1/2" mooring chain x 35'
  - 5/8" mooring shackles x 5"
  - Yellow polyform buoys:
  - 11/32" x 1000' pot warp sinking long line
  - Hard Buoy 12" x 7" (red, yellow and white only)



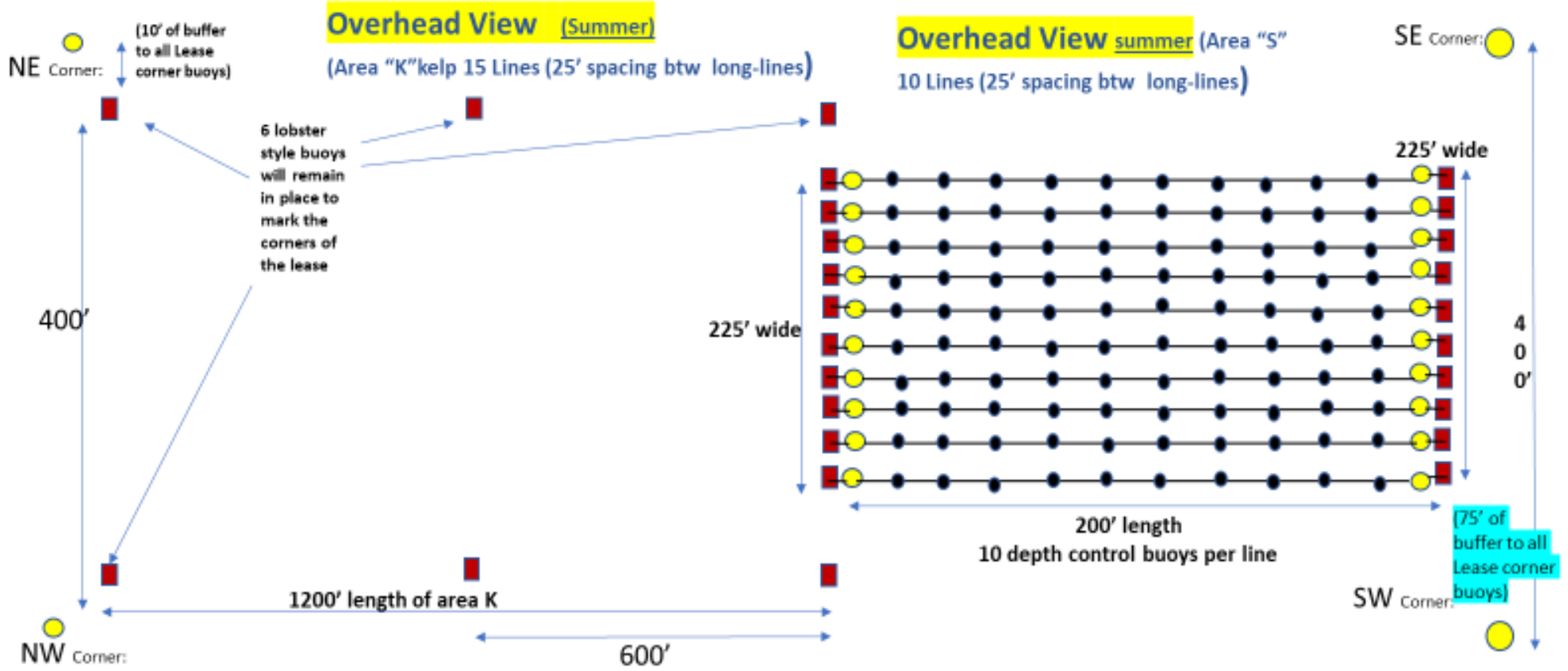


## **B. Maximum Structure and Mooring System Schematic**

**Directions:** Include drawings of your maximum gear layout. Include units referenced (i.e. 10in, 10ft, etc.).

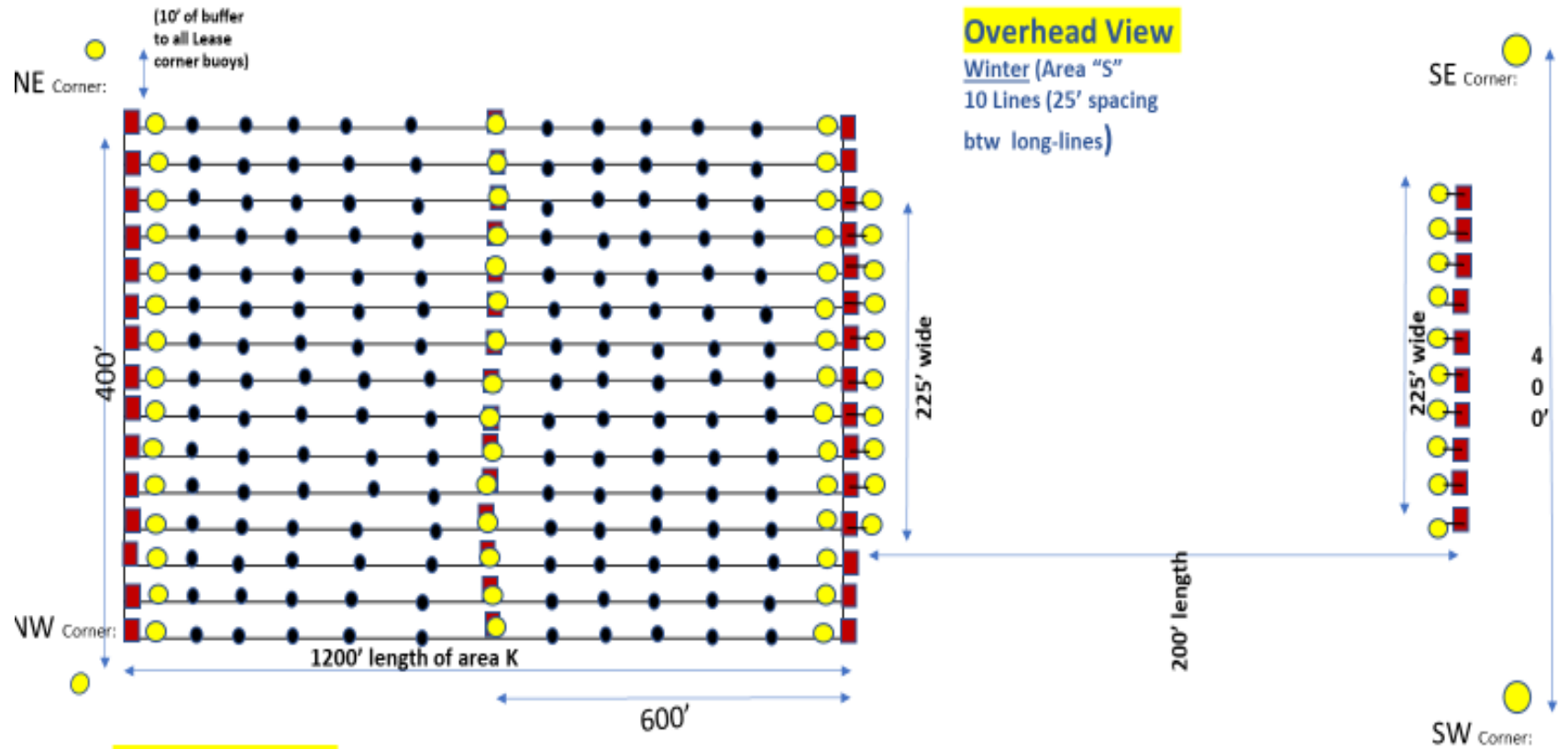
1. Overhead View. Please include the following and label as “Overhead View”:
  - Maximum layout of gear, including moorings.
  - Length and width of project.
  - Approximate spacing between gear.
  - Lease boundaries and the location of proposed corner markers and any additional gear markers that would be present.
  
2. Cross-Section View. Please include the following and label as “Cross-Section View”:
  - The sea bottom.
  - Profile of gear in cross-section as it will be deployed.
  - Label gear with dimensions and materials.
  - Show mooring gear with mooring type, scope, hardware, and line type and size.
  - Depth of gear in relation to the water’s surface at mean low water and mean high water (if applicable).

**Note:** Please include an additional Cross Section View, depicting the elements listed below, if there will be seasonal changes to gear layout (i.e. over wintering).



**Legend:**

- Granite stones
- Yellow Polyform LD-3 buoy mooring buoy
- (Depth control (Lobster style buoy))



**Overhead View**

Winter  
 (Area "K" kelp 15 Lines (25' spacing btw long-lines))

**Legend:**

Granite stones



Yellow Polyform

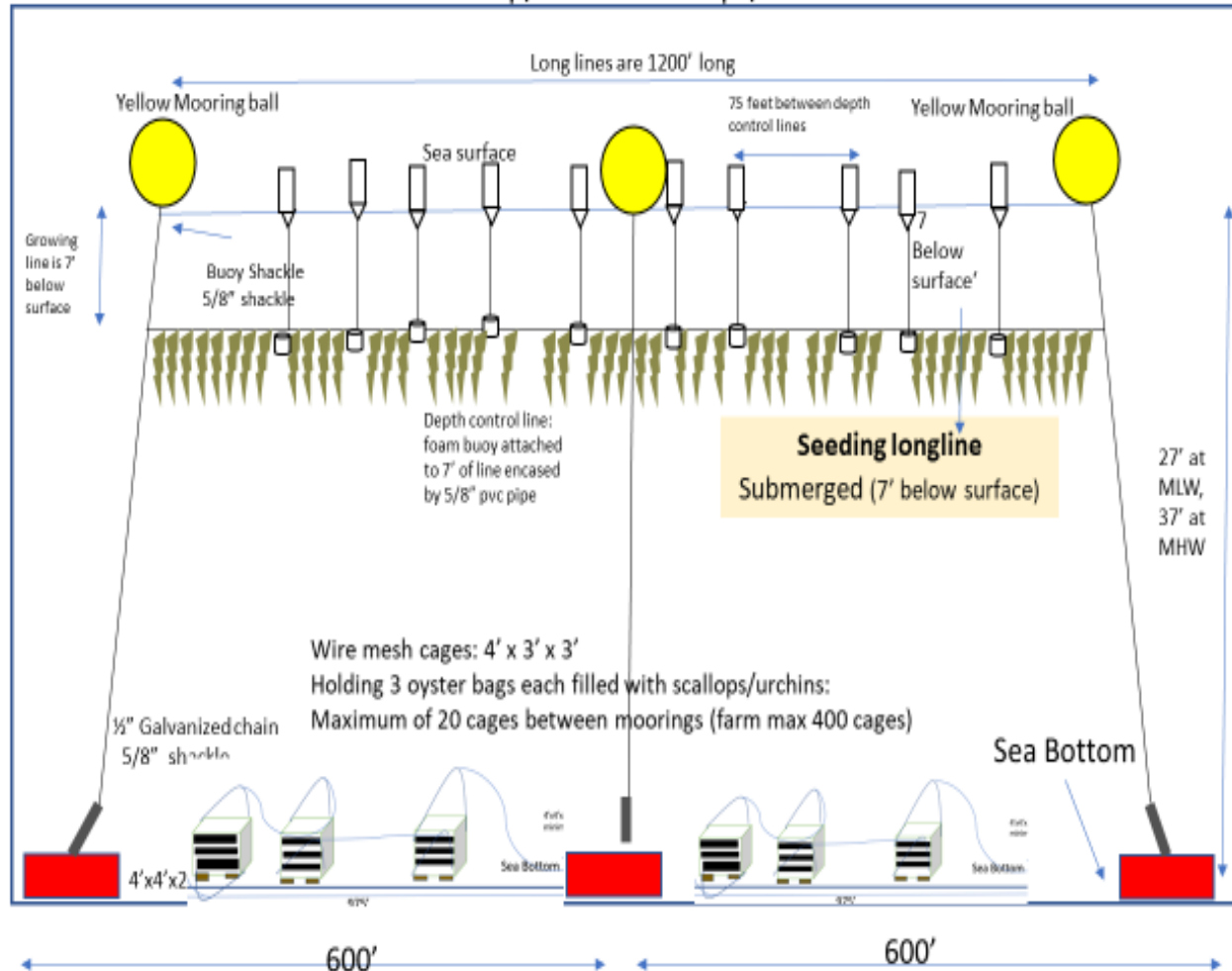
LD-3 buoy mooring buoy



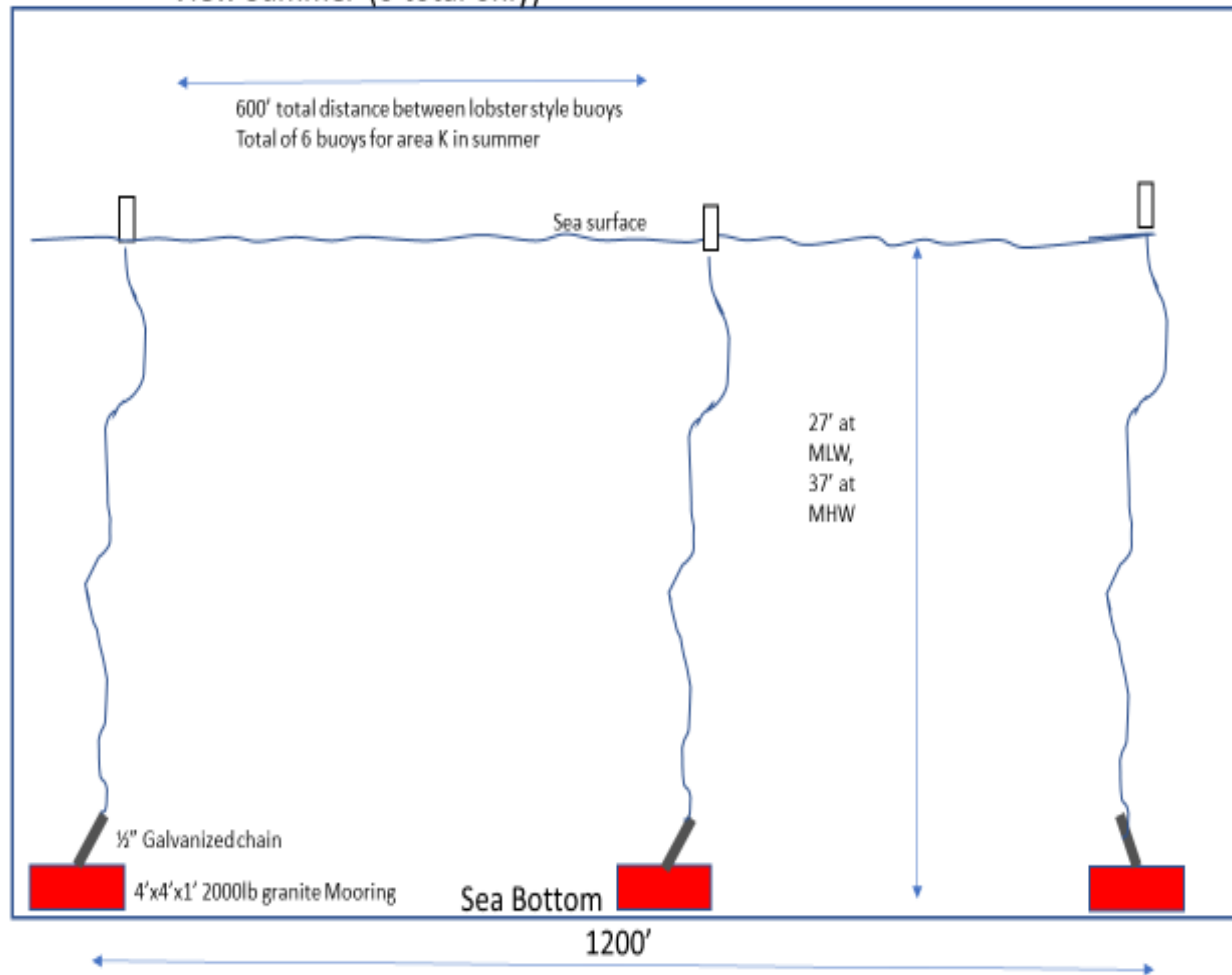
(Depth control (Lobster style buoy))



## Cross Section View: Winter Kelp/Winter Scallops/Urchins

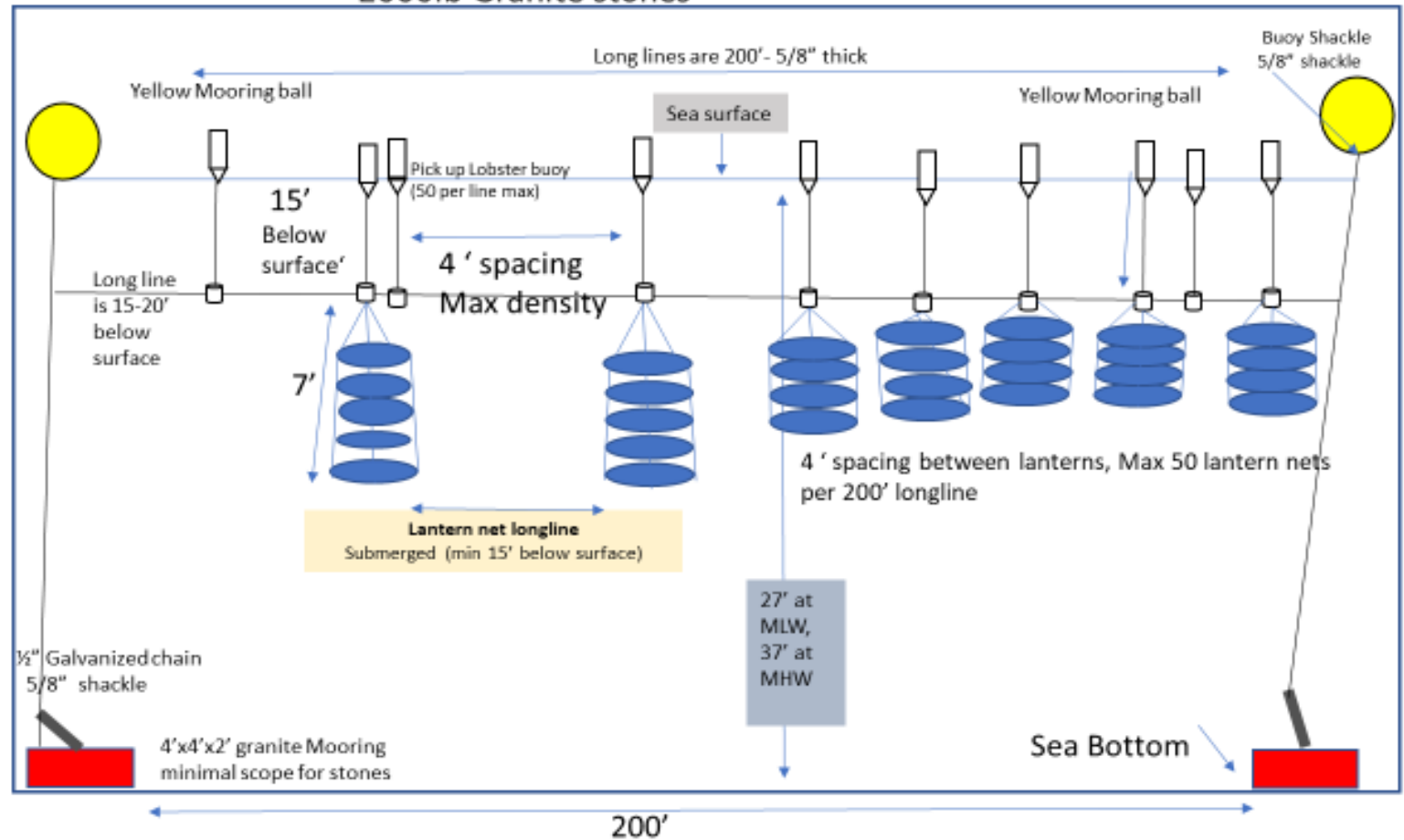


Cross Section (Area "K")  
View Summer (6 total only)





**Cross Section View: Summer (Area "S")**  
2000lb Granite stones



**C. On-Site Support Structures**

1. Describe structures such as barges, sheds, etc., to be located on-site. Provide a schematic and indicate the dimensions, including height above sea level, materials, etc.

N/A

2. Describe the storage and use of oil, gasoline or other hazardous materials on this facility. If petroleum products are to be stored on site, provide a spill prevention plan.

N/A

#### **D. Gear Color**

Provide the color of the gear and structures proposed to be used at the lease site.

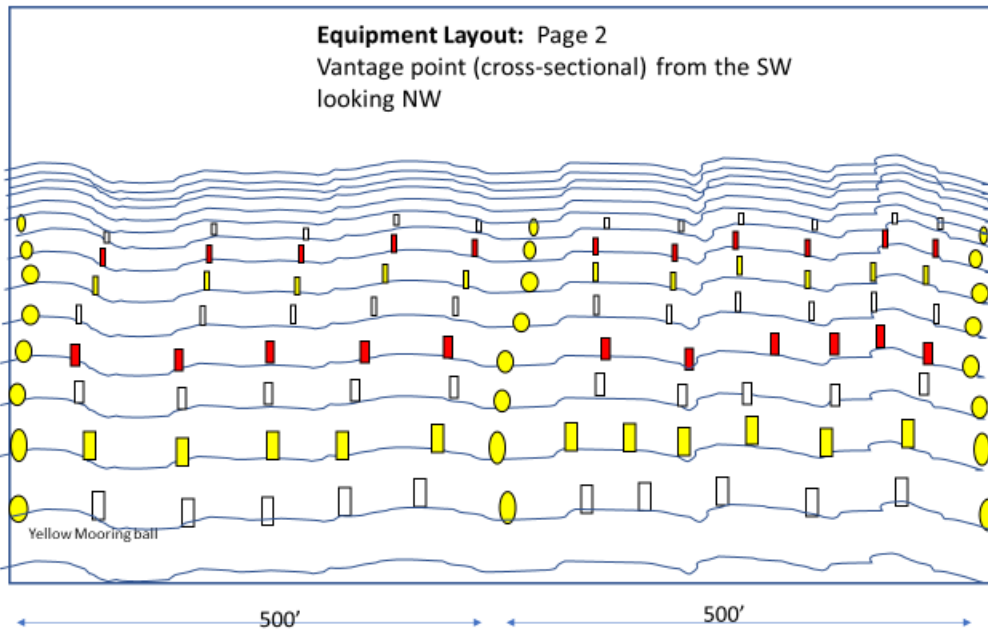
All mooring buoys and lease corner buoys to be yellow in color.  
All Depth control buoys (lobster style buoys will be either (Red, Yellow or White).

#### **E. Equipment Layout**

Provide schematic or photographic renderings of the generalized layout of the equipment as depicted from two vantage points on the water. Provide the locations of the two vantage points.

**Kelp Farm Winter Layout: vantage point 1 view from SE looking NNE**





**F. Marking**

Will you be able to mark your site in accordance with DMR regulations, Chapter 2.80?

Yes    No

If you answered no, explain why and suggest alternate markings.

**Note:** If a lease is granted, you will also be required to mark the site in accordance with appropriate US Coast Guard Regulations. If you have questions about US Coast Guard Regulations contact: 1<sup>st</sup> Coast Guard District, Aids to Navigation Office ((617)-223-3293).

## 8. PRODUCTION ACTIVITIES

**Directions:** If you are cultivating more than one species, you will need to provide information for each species. Please attach additional pages if needed.

**A.** Please explain your proposed seeding activities. What months will seeding occur and how often will you be onsite to seed during this time.

**Kelp Farm Seeding:** This occurs during the month of November and typically takes 4 days. Once the kelp farm is seeded very minor activity occurs until late February or early March. As the kelp grows over this period, we begin to add the depth control buoys (lobster style buoys), to keep the kelp lines, seven feet below the surface not to exceed 12 buoys per 1200' of long line.  
**Scallop Farm/Urchin seeding:** This occurs during the month of July/August, where we transfer our scallop spat (wild collection) into lantern nets where they sit 15+ feet below the surface until November/December when we transfer all to bottom cages. The work will occur for 2 days per week throughout the month.

**B.** Please explain your proposed tending/maintenance activities.

**Kelp Farm:** The kelp farm requires very little tending or maintenance. During the winter months we typically visit the farm and check the lines to make certain all is as it should be. During the early Spring (Feb/March/April) we add extra depth control lines once the kelp begins to grow and weigh down the line.  
**Scallop/Urchin Farm.** During the winter months (Nov – April) all the scallop/urchins remain on the bottom in cages without any maintenance activities. During the months of (May – July) we will pull the cages off the bottom and cull the scallops/urchins. The scallop/urchins are removed from the cages/oyster bags then transferred into lantern nets for the summer until we re-cage and set for winter in November.

**C.** How frequently will you visit/tend the site for routine tending/maintenance (i.e. flipping cages, etc.)?

**Kelp Farm:** 1 hours per month on the kelp farm during winter months. During the early Spring (March/April) we spend another day/month adding remainder of depth control lines not to exceed 10 per 1000' of long line or 5 depth control lines per 500' of longline.

**Scallop/urchin Farm:** During the months of June-August we pull the cages, cull the scallops, and transfer them into lantern nets. We spend one week a month during this period on the scallops. Over the summer (Aug – Oct) we exchange the scallop/urchins into fresh lantern nets monthly until November when we remove them from the lantern nets and reset them in cages/bags for the winter. This takes approx. 4-5 days/month.

**D.** Describe the harvesting techniques you will use. If you plan on using a drag, please provide the dimensions.



**The Kelp** is harvested during the month of May. We use our 32' mooring barge/workboat to haul up the kelp long lines. There are 4 crew members on the boat during harvest where we haul the line up with a winch and cut the kelp into 1000lb bags on the deck. The barge holds 10,000lbs of kelp. As the kelp is harvested, the kelp lines are stowed into large 55 gal barrels and brought to shore for cleaning and next year use.

**Scallops/Urchins:** Over the summer months we pull the lantern nets up with the same 32' workboat and harvest the scallops accordingly into fish trays filled with ice. The lantern nets are removed and brought to shore for power washing/cleaning.

**E.** How often will you be at the site during harvesting periods?

**Kelp Farm:** On harvesting days, we typically arrive on site around 8am and harvest till dusk. The entire harvest takes approximately one week during the month, and weather dependent as some days are more suitable than others.

**Scallop Farm:** On site harvest periods which occur during late spring/summer months only and occur during maintenance periods only and not to exceed 4-5 days per month.

**F.** Will gear be on the site year-round?  Yes  No

**G.** Describe any overwintering or "off season" plans for the site. For example, will you remove gear from the site and/or deploy gear in different areas within the proposed site? Please include where gear or product will be located if removed from the site.

This standard lease is divided into 2 sections (Area "k") kelp farm area and (Area "S") scallop/urchins farm area as shown on the structure and mooring system schematic. 80% of the farms northern area is devoted to kelp aquaculture while the remaining 10% southern area is to be scallops. During the summer months the kelp farm will be "off-season" and all but 6 mooring buoys remain during the summer months. During the winter months the scallops/urchins will be "off season" and all suspended lantern nets and subsequent lines removed. Scallops/urchins to be set into wintering cages below area "S" and Area "k". All scallop/urchin top gear to be removed with exception of 20 mooring buoys (max).

**H.** Please provide details on any predator control techniques you plan to employ, including the use of bird deterrents. Will you use commercially available or custom equipment? If commercially available equipment, please include the brand and model names. If custom equipment, please attach a detailed schematic that includes the dimensions, materials, and function of the equipment.

N/A

## 9. NOISE AND LIGHT

**Directions:** If a question does not pertain to your proposed operations, please write “not applicable” or “N/A.”

**A.** What type of boats will be used on the site? When and how often will these vessels be on the site?

Our sea farm operations employ both a 23’ Pacific workboat as well as a 32’ mooring barge which we also use for the mooring company we operate out of Yarmouth. The 23’ boat will be used primarily for seeding/maintenance activities, while the larger boat will be used for primarily harvesting purposes per the timeframe description above.

**B.** What type of powered equipment (e.g. generator, power washer, grading equipment, barges, etc.) will be used on the site? When and how often will the equipment be used?

Both of our boats contain a winch/hauler powered by a small gas 15hp Honda generator. The haulers are only used during harvest season for the kelp and retrieval of the scallop cages in early summer. However, mostly, we employ the 4 manual davits on board with hand winches. These we use for lifting lantern nets and kelp lines so that our work is at a comfortable height.

**C.** Specify how you intend to reduce noise levels from the boats and other powered equipment.

The Honda generator will be used in short bursts (1 min or 2) to lift and haul lines as needed. The units are powered off and cycle on approximately every 15 mins. They do not run constantly and can only be heard from 100 yards distance.  
No other plans for machine operated washing, grading equipment will be employed on our kelp or scallop/urchin sea farm areas. Bio-fouled lantern nets will be returned to shore for power-washing/cleaning. Most of the maintenance and harvesting work is manual.

**D.** Provide the number, type (whether fixtures are shielded), wattage and location of lights, other than those used for navigation or marking, that will be used at the proposed lease site.

N/A

**E.** Indicate under what circumstances you might work at your site beyond daylight hours.

There are no circumstances where we would work beyond daylight hours at our proposed lease site nor have, we ever worked beyond daylight hours during our current operations over the past 2 years.

## 10. CURRENT OPERATIONS

**Directions:** If a question does not pertain to your proposed operations, please write “**not applicable**” or “**N/A.**”

**A.** Describe your existing aquaculture operations, including the acronyms of all active leases and/or licenses.

I have 4 LPA's and one experimental lease in very close proximity to the proposed standard lease application. The current LPA's: Shun118, Shun218, Shun318 and Shun418. The exp. Lease number is CAS CI2x. We have approximately 10,000 linear feet of kelp growing across these areas.

**B.** What are your plans for any existing leases and/or Limited Purpose Aquaculture (LPA) licenses if the lease is granted? Will any existing leases and/or LPA licenses be relinquished if the lease is granted? If so, please indicate which ones.

The sole intention of obtaining this standard lease is to slightly expand operations but foremost replace and relinquish the existing leased area (CAS CI2x), as it is not optimally situated for this general vicinity.

## 11. ENVIRONMENTAL CHARACTERIZATION

**Directions:** Using your knowledge of the area, describe the environment of the proposed lease site. Be sure to include units of measurement in your answers (i.e. feet, cm/s).

**A.** What are the approximate depths at mean low water?

24-27 feet.

**B.** What are the approximate depths at mean high water?

34-37 feet of water.

**C.** Provide the approximate current speed and direction during the ebb and flow.

The approximate current speed is approximately 1-2 knots and flows SE to NW through the proposed lease application area.

**D.** The following questions (D.1 through D.6) may be answered in writing or by submitting a video. If you plan to submit a video, please contact the Department prior to video collection.

**1.** What are the bottom characteristics (mud, sand, gravel, rock, ledge or some mix, etc.)?

The bottom conditions are all soft mud bottom throughout the proposed lease area

**2.** Describe the bottom topography (flat, steep rough, etc.).

The topography is flat throughout much of the proposed lease area.

**3. Describe marine organisms by species or common names. Based on your personal observations or other sources of information, are these species abundant, common, or rare?**

My diving experience in the vicinity of the leased area allowed me to observe an occasional rare lobster/green crabs but nothing out of the ordinary for a mud bottom. On the surface I have seen loons in the fall and an occasional seal.

**4. Are there shellfish beds or fish migration routes in the surrounding area? If so, please describe.**

N/A

**5. Describe the presence and extent of submerged aquatic vegetation, i.e. eelgrass, within the proposed lease area. Please include the date of this observation along with the method of observation. If submerged aquatic vegetation is observed, please also describe the abundance below and sketch the limits of the beds in the vicinity map.**

I have not witnessed any eelgrass in the proposed leased area.

**6. Describe the general shoreline and upland characteristics (rocky shoreline, forested, residential, etc.)**

The proposed lease occupies subtidal waters west of Chebeague Island, in Casco Bay between Seal Ledge and Divisions Point. Chebeague shoreline has residentially developed houses, one dock, and few boat moorings line the western shorelines of the island. The Chebeague Island shoreline is less densely populated than the shorelines to the north, or the original site of the proposed lease. Approximately five houses are located on the immediate Chebeague Island uplands, along with a single pier. All distance more than 1000' from proposed leased area. A tidally exposed, ledge and rocky spit extends from the Chebeague Island shoreline to the west of the proposed site.

**E. Is your proposed lease located within a Maine Department of Inland Fisheries and Wildlife designated Essential Habitat?**

Yes  No

**Note:** The location of Essential Habitats in the State of Maine, along with information on how projects within these areas are reviewed, can be found here: <https://www.maine.gov/ifw/fish-wildlife/wildlife/endangered-threatened-species/essential-wildlife-habitat/index.html>

**If a project is located within an Essential Habitat,** applicants are strongly encouraged to contact the MDIFW Environmental Review Coordinator ([John.Perry@maine.gov](mailto:John.Perry@maine.gov), phone: 207-287-5254) prior to application submission.



## 12. EXISTING USES

<p><b>A.</b> Describe the existing uses of the proposed area in questions A.1 through A.5 below. Please include the a) type; b) time of year the activity occurs; c) frequency; and d) proximity to the lease site.</p>
<p><b>1. Commercial Fishing</b></p> <p>There is limited commercial fishing in the proposed leased area. We have counted a total of 5-15 lobster/crab traps nearby in the area and only 2 on the proposed leased site. These are mostly small local lobsterman fishing single traps only.</p>
<p><b>2. Recreational Fishing</b></p> <p>No recreational fishing has been observed in the proposed lease areas.</p>
<p><b>3. Boating Activities (please also include the distance to any navigable channel(s) from your proposed site at low water).</b></p> <p>As shown on the vicinity map.... A typical rhumb line, used to avoid seal ledge when traveling up or down the bay in this region. The site chosen was placed as not to interfere with traffic as we are east of the line. During the scoping session held on 2/26/21 a consensus was reached to place this lease inside the line as to prevent interference with boating traffic. The navigational channel between Chebeague and area down the bay is limited by a rocky bar (Seal Ledge that extends from the Chebeague Island shoreline. To ensure avoidance of this navigational hazard, red nun "18" guides boaters closer to the Cousins and Littlejohn Island shorelines and away from the proposed leased site as they transit.</p>
<p><b>4. Riparian Ingress/Egress</b></p> <p>Riparian boating traffic in this area is limited to summer months. Riparian's in this area, although more than 1000' from the lease site, have been contacted and are in support of the aquaculture activities, as long as the lease does not interfere with local commercial fishing activities.</p>
<p><b>5. Other uses (kayaking, swimming, etc.):</b></p>

I have not witnessed anyone kayaking or swimming near the proposed lease site.

**B.** Are there private docks, moorings, or other access points within 1,000 feet of the proposed lease? If yes, please include approximate distance from the proposed lease.

Approximately five houses are located on the immediate Chebeague Island uplands, along with a single pier all further than 1000 feet.

**C.** Are there public beaches, parks, docking facilities or federally, state, or municipally conserved lands within 1,000 feet of the proposed lease site? If yes, please describe and include approximate distances from proposed lease.

The proposed lease is located over 1,000 feet from all nearby shorelines, there are no beaches, parks, or docking facilities owned by federal, state, or municipal government within 1,000 feet of the proposed lease site. The Cousins Island Dock and the Littlejohn Island Town Dock are located approximately 2300 feet directly to the East.

### 13. EXCLUSIVE USE

If your lease is granted, what activities would you request be excluded from occurring within the boundaries of the lease site? In your answer please address applicable commercial and recreational fishing, boating activities, and other activities you listed in the 'Existing Uses' section of this application.

I would not request exclusive use.

## 15. TECHNICAL CAPABILITY

Provide information regarding professional expertise. Attaching resume or documentation of practical experience necessary to accomplish the proposed project would satisfy this requirement.

My professional background for most of my adult life has been within biotechnology field. However, for the past 5 years I have owned, and operated Casco Bay Mooring based out of Yarmouth, ME. I have also established an experimental Lease for the past 2 seasons. Any questions regarding my experience necessary to accomplish the proposed project could be directed to William Owen the Yarmouth Harbor Master or Steve Arnold owner of Yarmouth Boat yard.

## 16. FINANCIAL CAPABILITY

### A. Financial Capability

Please provide documentation to show you have the financial resources to implement the proposal. For example, you may submit a letter from a financial institution or funding agency indicating that you have an account in good standing, or their willingness to commit funds.

**Note:** Any financial information you submit with your application is part of the public record. Please exercise discretion when submitting financial information.

As owner and operator of Casco Bay Mooring & Kelp company, I have the financial resources and assets to implement the proposal. The ongoing kelp farm business has aquired the required assets (vessels, working capital and mooring equipment) which is set in place from current sea farming activities. No financing is required.



April 19, 2021

Casco Bay Moring LLC  
32 Osprey Lane  
Yarmouth, ME 04096

RE: Account Verification

Thank you for your recent request for information regarding the status of your business account with Bangor Savings Bank.

Our records indicate the following status on your account(s):

<u>Type of Account</u>	<u>Date Opened</u>
Checking	9/8/2017

The checking account has maintained an average balance in the mid 5-figure bracket. The account has been handled as agreed since inception.

Should you have any questions, or if I can be of further assistance, please do not hesitate to contact me directly.

Sincerely,

Helen O. Cella  
Vice President  
Senior Relationship Manager  
207.541.2731

**B. Cost Estimates**

Please provide cost estimates of the proposed aquaculture activities.

The gear and labor cost to set up a Sea Farm as proposed for someone not in the mooring business would be approximately \$30,000 which does not include the cost of work boats. All sea farm mooring installs will be conducted by Casco Bay Mooring and labor supplied by owner and family.

**17. ESCROW ACCOUNT OR PERFORMANCE BOND**

Check the category that describes your operation:

Check Here	Lease Category	Amount of Required Escrow or Performance Bond
<input type="checkbox"/>	No gear/structure, no discharge	None
<input type="checkbox"/>	No gear/structure, discharge	\$500.00
<input type="checkbox"/>	≤ 400 square feet of gear/structure, no discharge	\$1,500.00
<input checked="" type="checkbox"/>	>400 square feet of gear/structure, no discharge	\$5,000.00*
<input type="checkbox"/>	Gear/Structure, discharge	\$25,000.00

\*DMR may increase the bond/escrow requirements for leases with more than 2,000 square feet of structure.

I, (printed name of applicant) Stewart Hunt have read DMR Aquaculture Regulations Chapter 2.64(10) (D) and if this proposed lease is granted by DMR, I will either open an escrow account or obtain a performance bond, in the amount determined by the lease category.

Stewart Hunt  
**Applicant Signature**

4/22/2021  
**Date**

*Note: Add title if signing on behalf of a corporate applicant.*

**ADDITIONAL APPLICANTS:** Each applicant must sign this section indicating that they will open an escrow account or obtain a performance bond. Use the space below for additional persons listed on the application. You may attach additional pages, if necessary.

I, (printed name of applicant) \_\_\_\_\_ have read DMR Aquaculture Regulations Chapter 2.64(10) (D) and if this proposed lease is granted by DMR, I will either open an escrow account or obtain a performance bond, in the amount determined by the lease category.

\_\_\_\_\_  
**Applicant Signature**

\_\_\_\_\_  
**Date**

*Note: Add title if signing on behalf of a corporate applicant.*

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**18. APPLICANT SIGNATURE PAGE**

I hereby state that the information included in this application is true and correct. I have also read and understand the requirements of the Department's rules governing aquaculture and the application instructions pertaining to the standard lease process.

Printed name: STEWART HUNT

Title (if corporate applicant): \_\_\_\_\_

Signature: [Handwritten Signature] Date: 4/22/2021

18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry, shall be fined not more than \$10,000 or imprisoned not more than five years or both.

**Note:**

- All applicants must sign and date this page. Please use the space below, if additional signatures are required.
- Corporate applicants, please be sure to include the title(s) (i.e. President, Treasurer, etc.) of the individual(s) signing on the company's behalf.

**Additional Applicant:**

Printed name: \_\_\_\_\_

Title (if corporate applicant): \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_