

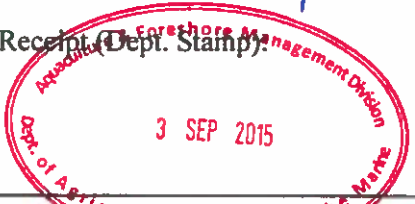
AQUACULTURE AND FORESHORE LICENCE APPLICATION FORM, for purposes of FISHERIES (AMENDMENT) ACT, 1997 and FORESHORE ACT, 1933

**NB: The accompanying Guidance Notes should be read before completing this form.**

**Note:** Details provided in Parts 1 and 2 will be made available for public inspection. Details provided in Parts 3 and 4 and any other information supplied will not be released except as may be required by law, including the Freedom of Information Act 1997 as amended.

**USE BLOCK CAPITALS IN BLACK INK**  
**PLEASE**

For Office Use
Application Ref. No. <u>T10/323</u>
Date of Receipt (Dept. Stamp)



<b>Type of Applicant (tick one)</b>	
Sole Trader	<input checked="" type="checkbox"/>
Partnership	<input type="checkbox"/>
Company	<input type="checkbox"/>
Co-Operative	<input type="checkbox"/>
Other	Please specify- <input type="checkbox"/>

**PART 1: PRELIMINARY DETAILS**

<b>Applicant's Name(s)</b> MICHAEL G. KILBANE
1. Address:  DOOAGH ACHILL ISLAND CO. MAYO
2. Address:
3. Address:
4. Address:

Contact in case of enquiries (if different from above)	
Contact Name	
Organisation Name (if applicable)	
Address	

**PART 1: PRELIMINARY DETAILS**

**TYPE OF APPLICATION** – please indicate relevant type of application  
This Application Form is valid for each type of application - *See Guidance Note 3.1*

- (i) Aquaculture Licence
- (ii) Trial Licence
- (iii) Foreshore Licence, if Marine Based
- (iv) Review of Aquaculture Licence
- (v) Renewal of Aquaculture Licence

**TYPE OF AQUACULTURE**

*See Guidance Note 3.2*

Indicate the relevant type of application with a tick.

**(i) MARINE-BASED**

- Finfish  Go to Parts 2.1 and 2.1A
- Shellfish *Subtidal*  Go to Parts 2.2 and 2.2A
- Intertidal*  Go to Parts 2.2 and 2.2A
- Seaweed/Aquatic Plants/Aquatic Fish Food  Go to Parts 2.3 and 2.3A

**(ii) LAND-BASED**

- Finfish  Shellfish  Go to Parts 2.4 and 2.4A
- Aquatic Plants  Aquatic Fish Food  Go to Parts 2.4 and 2.4A

**(iii) TRIAL LICENCE**

- Go to appropriate Parts as above and to Part 2.5.

## 2.2 MARINE-BASED SHELLFISH AQUACULTURE

When filling out this section refer also to 2.2A and Guidance Note 3.3 for information on Conditions and Documents required with this application type

### Proposed Site Location

- (i) Bay: ACHILL NORTH
- (ii) County: MAYO
- (iii) OS Map No: 55
- (iv) Co-ordinates of Site: (please specify coordinate reference system used e.g. Irish Grid (IG) or Irish Transverse Mercator (ITM) or Latitude/Longitude [in which case specify whether ETRS89 or WG84 etc.]

Michael G Kilbane	
Site B	
Size = c. 4 heactares	
Site Coordinates	
Irish Grid	
East	North
71865	304400
72155	304400
72155	304335
72030	304100
72000	304100
72000	304285
71982	304285
71982	304340
71865	304340

- (v) Size of Site (hectares): 4 HECTARES

(vi) Species (common and scientific name) and whether native or non-native species: (see Guidance Notes 3.3.1)

PACIFIC OYSTERS - *CRASSOSTREA GIGAS* non-native, *Flat Oyster Ostrea Edulis* native

(vii) Whether production will be sub-tidal or inter-tidal? INTER – TIDAL

(viii) Please supply details of (a) source of seed e.g. wild hatchery and location and (b) means of collection and introduction to culture. ALL GIGAS SEED IS FROM HATCHERIES – PRIMARILY FRENCH – FRANCE NAISSAIN AND GRAN OCEAN. SEED ARRIVES IN STYROFORM BOXES AND IS DEPLOYED INTO OYSTER BAGS AT LAND BASE FACILITY CLOSE OT SITE. SPAT COLLECTION FOR EDULIS.

NB Importation of seed into the State or movement of seed within the State requires notification to the Marine Institute as per the Fish Health Authorisation Regulations – See Guidance Notes Section 6

(ix) Method of culture (rope, trestles – intensive; bottom – extensive; other) OYSTER BAG AND TRESTLE . HARDENING CRATES WITH PLASTIC TRAYS. HOLDING CRADLES FOR TRANSITIONING IN AND OUT , NURSERY BOXES. BOTTOM BAGS FOR GROWTH RETARDING.

(x) Proposed number of lines/ropes/trestles as per site layout drawing  
MAXIMUM 700 TRESTLES PER HECTARE

(xi) Proposed Production Tonnage:

Year 1	0	Year 2	8	Year 3	16	Year 4	30	Year 5	40
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(xii) (a) Please outline the reasons for site selection:

I HAVE BEEN LOCATED AT THIS AREA FOR THE PAST 20 YEARS WITH SITE T10/23

(b) If using trestles please outline the physical characteristics of the site which make it suitable for using trestles

SOLID GROUND, SUTIABLE AREA FOR TRACTOR& DEPTH , CLEAN WATER

(xiii) Is it intended that the product is for direct human consumption or half grown? Please specify

BOTH , BUT PRIMARILY FOR DIRECT SALE

(xiv) How will the visual impact issues of the flotation devices for the proposed application be addressed? AS SEED BOX 4", VISIBILITY MINIMAL AT DISTANCE

(xv) Is the site located in Designated Shellfish Waters Area? (Refer to Guidance Note 3.3.2)

Yes  No

If yes give details.

DESIGNATED SHELLFISH AREA UNDER EU DIRECTIVE 923 OF 1979 QUALITY OF SHELLFISH WATER REGULATIONS S.I NO 268 OF 2006

If no outline the reasons why you believe the site suitable for the proposed aquaculture, notwithstanding its location outside Designated Shellfish Waters Area?

(xvi) Has the area been classified under Food Safety Legislation? (For Bivalve Molluscs) What is the current classification of the area for the proposed species applied for?

YES. 2013/14 PROPOSED CLASSIFICATION FOR ACHILL NORTH - BUNNACURRY AREA = 'A/ B' SEASONAL JULY-OCT.

(xvii) Is the site located in/adjacent to a sensitive area e.g. SPA (Special Protection Area) or SAC (Special Area of Conservation) i.e. a Natura 2000 site? (Refer to Guidance Note 3.3.1- Natura 2000 sites)

NO

(xviii) Are there known sources of pollution in the vicinity e.g. sewage outfall? Yes / No  
NO

(xix) Methods used to harvest the shellfish and details of any subsequent processing of shellfish:  
OYSTER BAGS WILL BE BROUGHT TO SHORE ON TRACTOR AND TRAILER FOR GRADING AND SORTING IN LAND BASED FACILITIES

(xx) Describe any proposed purification facilities to be used:  
N/A

(xxi) What are the main predators of the species to be cultivated?  
CRABS ON SEED

(xxii) Describe the method(s) which will be used to control them  
\_\_\_\_\_

KEEP BAG MESH SIZE SMALL UNTILL SEED HAS HARDENED \_\_\_\_\_

**See Part 2.2A for details of documentation to be included with this application type**

**2.2A DOCUMENTATION REQUIRED FOR MARINE-BASED SHELLFISH AQUACULTURE**  
(to be included separately with a Licence Application for a new site or for a renewal or review of an existing Licence)

1. **An appropriate Ordnance Survey Map (recommendation is a map to the Scale of 1:10,000/1:10,560, i.e. equivalent to a six inch map).** Note: The proposed access route to the site from the public road across tidal foreshore must also be shown on the map.
2. **Scale drawing of the structures to be used and the layout of the farm.**  
The proposed site drawings must illustrate all site structures above and below the water including mooring blocks. (recommended scales normally 1:100 for structures and 1:200 for layout ) (See Guidance Note 3.3.2)
3. **The prescribed application fee (See Guidance Note Section 4)**
4. **If the applicant is a limited Company within the meaning of the Companies Act 1963. as amended, the Certificate of Incorporation and Memorandum and Articles of Association**
5. **If the applicant is a Co-operative, the Certificate of Incorporation and Rules of the Co-operative Society**
6. **Environmental Impact Statement (if required) in certain cases- See Guidance Notes Section 3.3.1**
7. **Alien Species dossier ( where required) – See Guidance Notes Section 3.3.1**

**NOW COMPLETE PARTS 2.6, 3, 4 AND 5 PLEASE**

**2.6 Employment, Qualifications, Experience, etc  
TO BE FILLED IN BY ALL AQUACULTURE APPLICANTS**

(i) Please provide details of experience/qualifications of the applicant and any key personnel which are relevant to the aquaculture now proposed:

I HAVE BEEN INVOLVED IN GROWING OYSTERS FOR THE PAST 20 YEARS AND I HAVE ATTENDED NUMEROUS RELEVANT WORKSHOP AND FOREIGN VISITS OVER THE YEARS RUN BY BIM AND UDARAS.

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(ii) If a new application please provide details of projected employment creation during first four years of the proposed aquaculture project:

(iii) In the case of a renewal please provide current and future details:

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**FULLTIME JOBS**

Year 1:	1	Year 2:	1	Year 3:	2	Year 4:	2
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**PART TIME JOBS**

Year 1:	2	Year 2:	2	Year 3:	2	Year 4:	2
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**PART 5: DECLARATION AND SIGNING**

***NB: Refer to Guidance Note Section 3.5 and Section 4 - Guidance on Declaration and Signing and Annual Aquaculture and Foreshore Licence Fees***

If this is a renewal/review have you met all licence conditions of the existing aquaculture licence? If applicable, explain why you have not complied with all conditions:

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I/We hereby declare the information provided in Parts 1, 2, 3 and 4 above to be true to the best of my/our knowledge. I/We enclose an application fee\* of €95.23 with this application.

Signature(s) of Applicant(s):  
(Please state capacity of persons signing on behalf of a Company/Co-op)

MICHAEL G. KILBANE

*Michael G Kilbane*

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

**NB All persons named on this licence application must sign and date this application form.  
Only the existing licence holder(s) can apply for the renewal/review of an Aquaculture Licence.**

\*Preferred method of payment is by cheque or bank draft. The fee should be made payable to the Department of Agriculture, Food and the Marine.

***Refer to Guidance Note Section 4 - Guidance on Aquaculture and Foreshore Licence Fees***

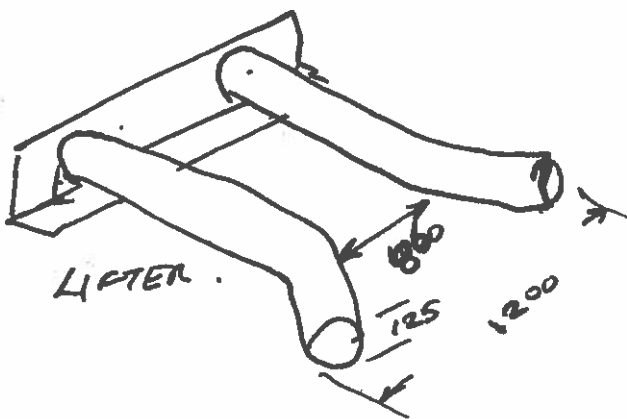
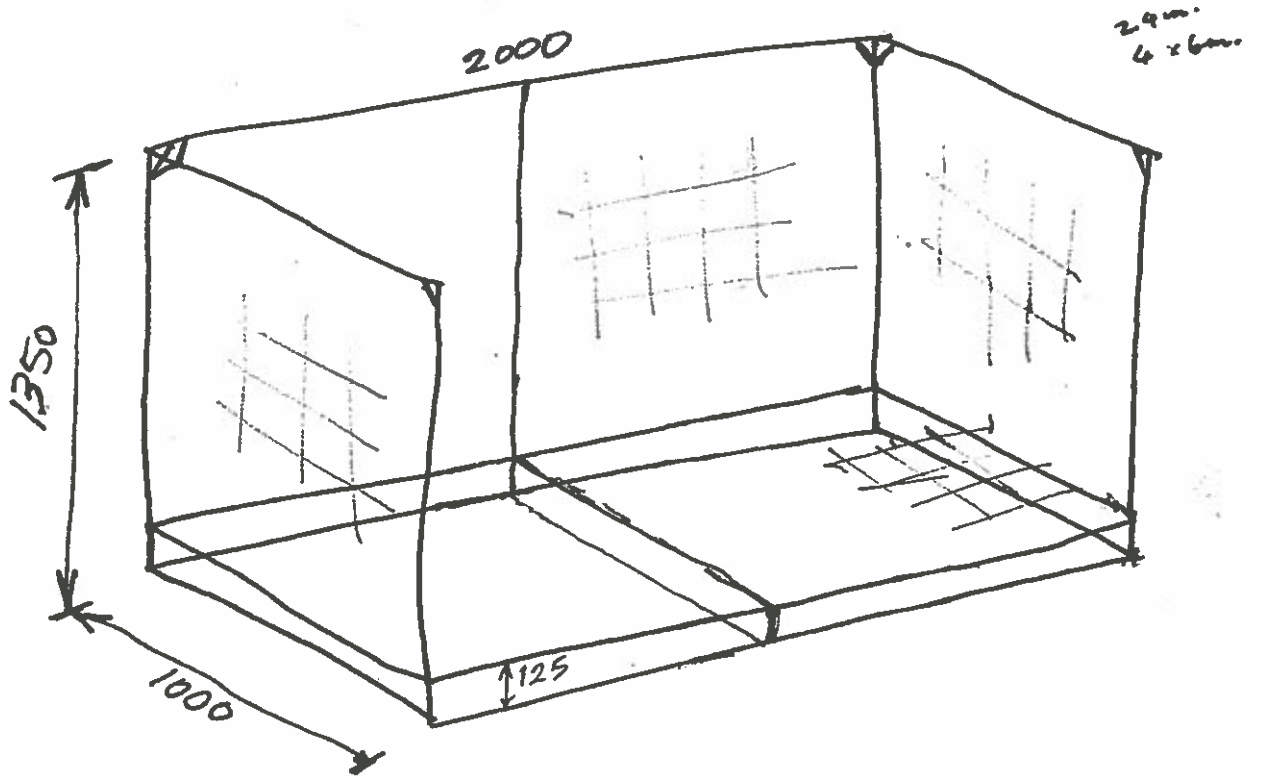
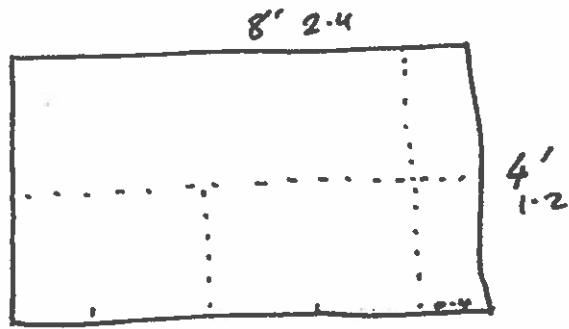
The application form should be forwarded, with the required documents and application fee, to:

**Aquaculture Licensing  
Aquaculture & Foreshore Management Division  
Department of Agriculture, Food and the Marine  
National Seafood Centre  
Clonakilty  
Co. Cork**

# STORAGE CRADLE

1705

3 cradles  
3 sheets A393  
3 posts  $\phi 20$

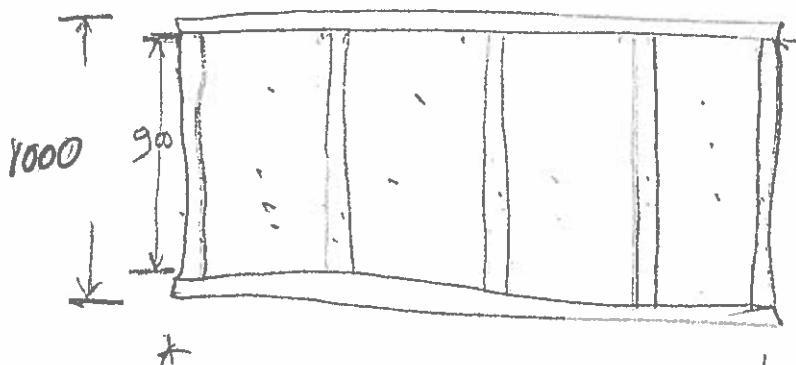


WIK



# SEED BOX (FLOATING) 2400

4.8m → 2 LENGTHS  
2 / BOX  
10m / BOX.



1.0.

5 BOXES

50m.

10.

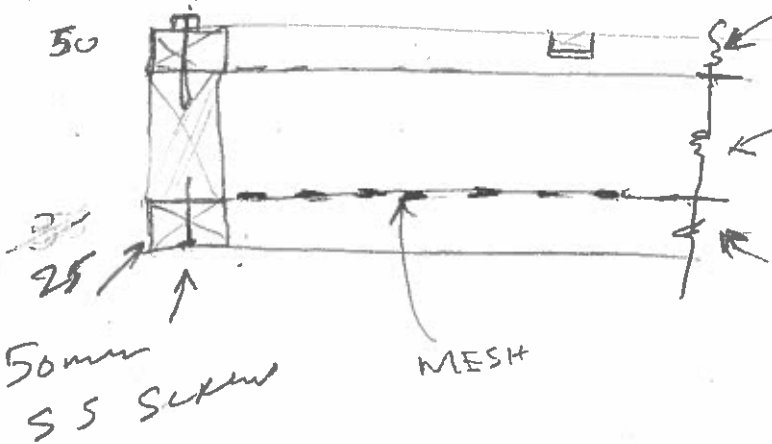
12 No  
75 x 6mm  
Louch Bolt.

$$2 \times 4. + 5 \times 0.9 = 4.5m$$

2x2" LID

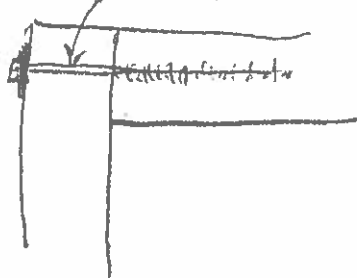
2x4" FRAME

7" DEPTH.

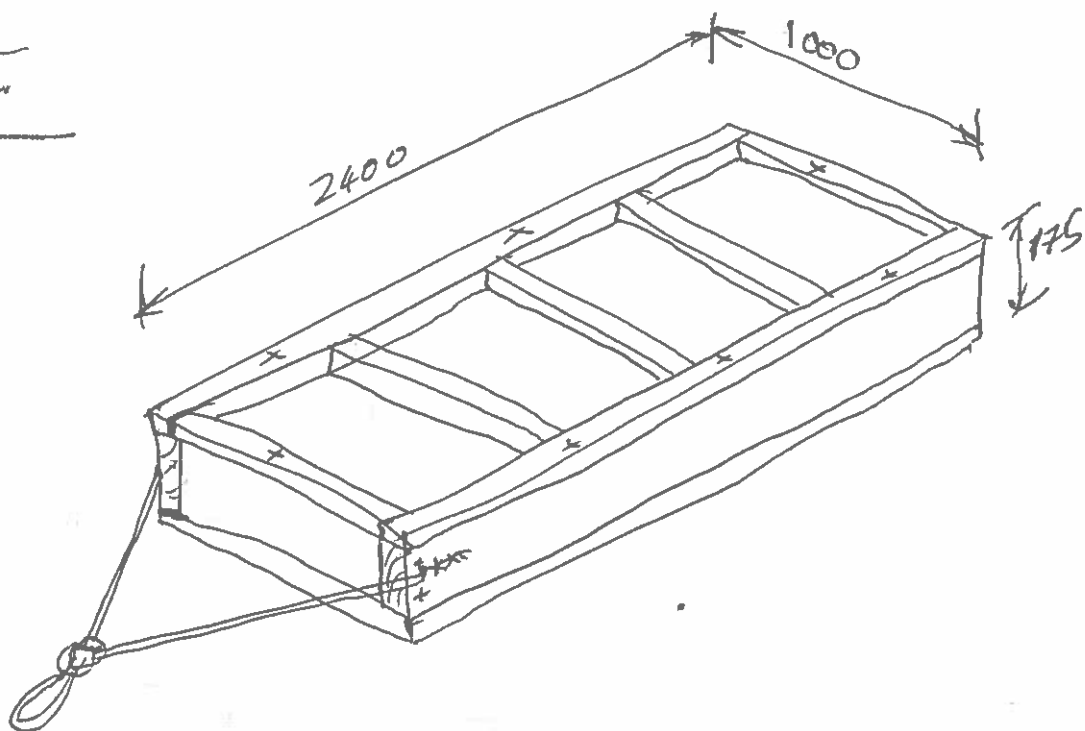


2x1"

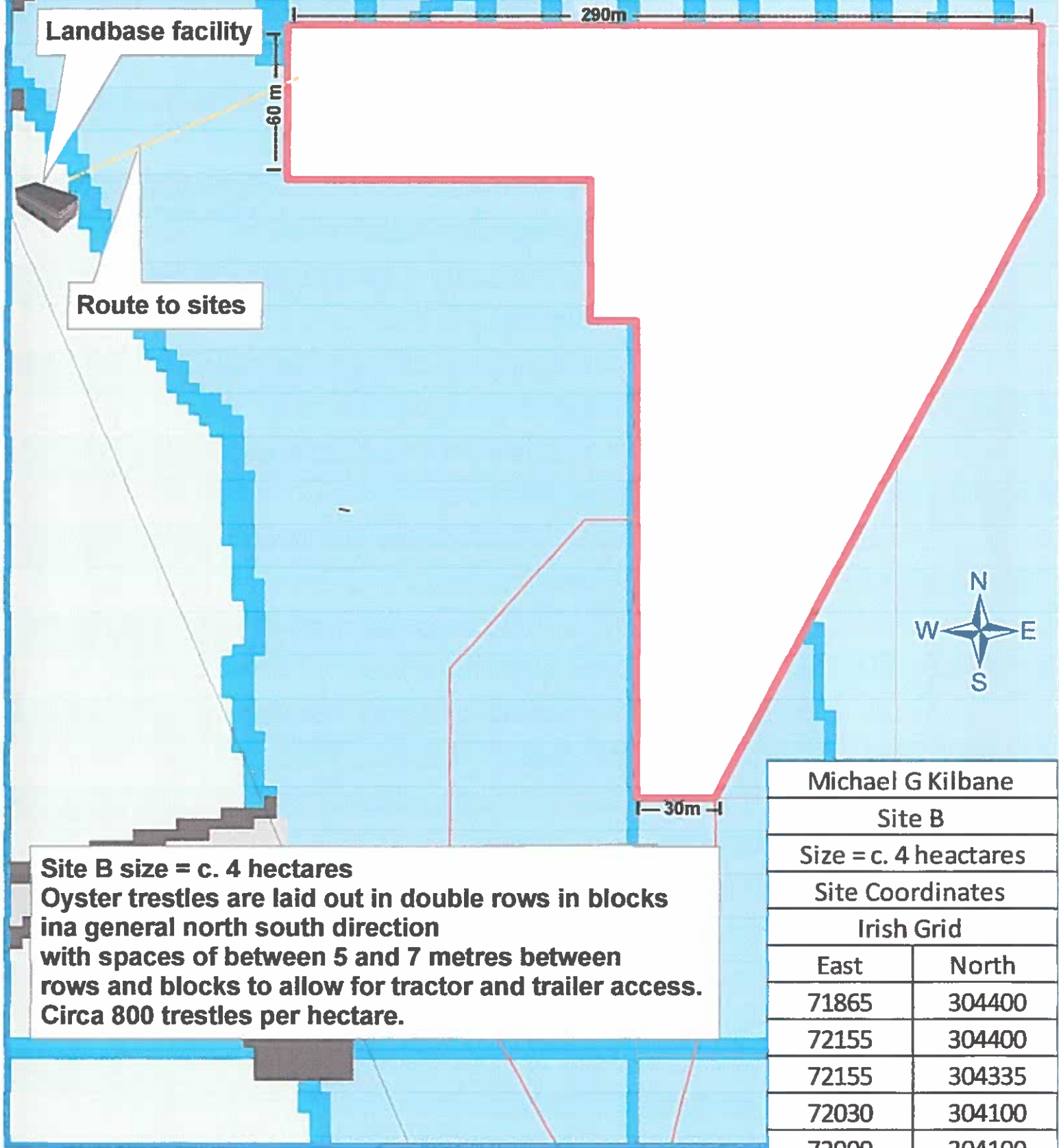
8mm Bolt.



CORNER DETAIL.



# Michael G. Kilbane's proposed new aquaculture site B - Site Layout at Bunacurry, Achill Island, Co. Mayo



**Site B size = c. 4 hectares**  
**Oyster trestles are laid out in double rows in blocks in a general north south direction with spaces of between 5 and 7 metres between rows and blocks to allow for tractor and trailer access. Circa 800 trestles per hectare.**

Michael G Kilbane	
Site B	
Size = c. 4 hectares	
Site Coordinates	
Irish Grid	
East	North
71865	304400
72155	304400
72155	304335
72030	304100
72000	304100
72000	304285
71982	304285
71982	304340
71865	304340

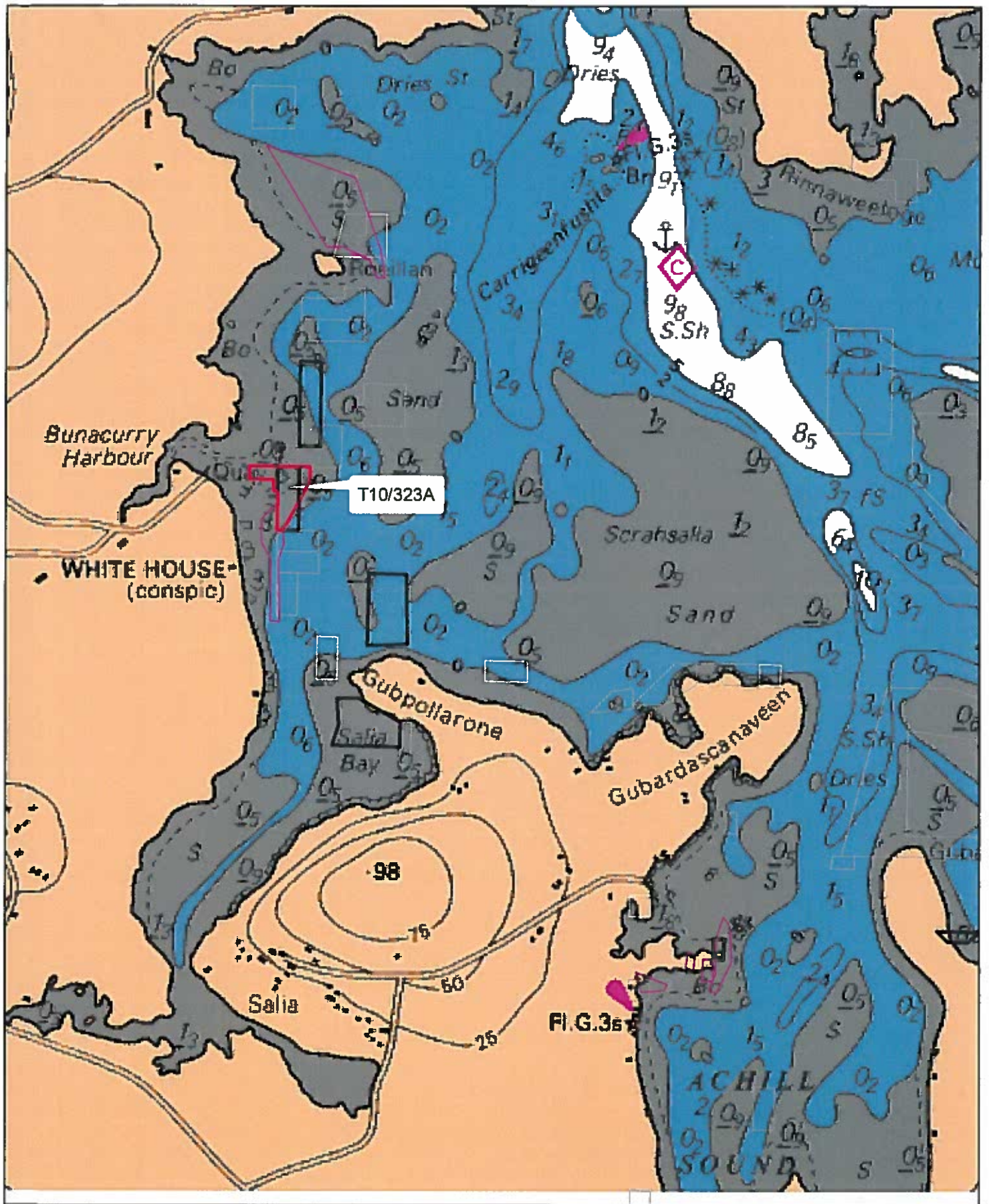
Date: 10/02/2015

Absolute Scale

**1:2,000**







- Aqua Culture Sites**
- <all other values>
  - Site Status**
  - Application
  - Lapsed
  - Licensed
  - Refused
  - Renewal
  - Revoked
  - Surrendered
  - Withdrawn

1:24,000

Sites highlighted in red denotes Application

Part of Admiralty Chart No 2704-0  
Not to be used for Navigation



Department of  
**Agriculture,  
Food and the Marine**  
An Foireann  
**Talmhaíochta,  
Bia agus Mara**

72000

0

305000

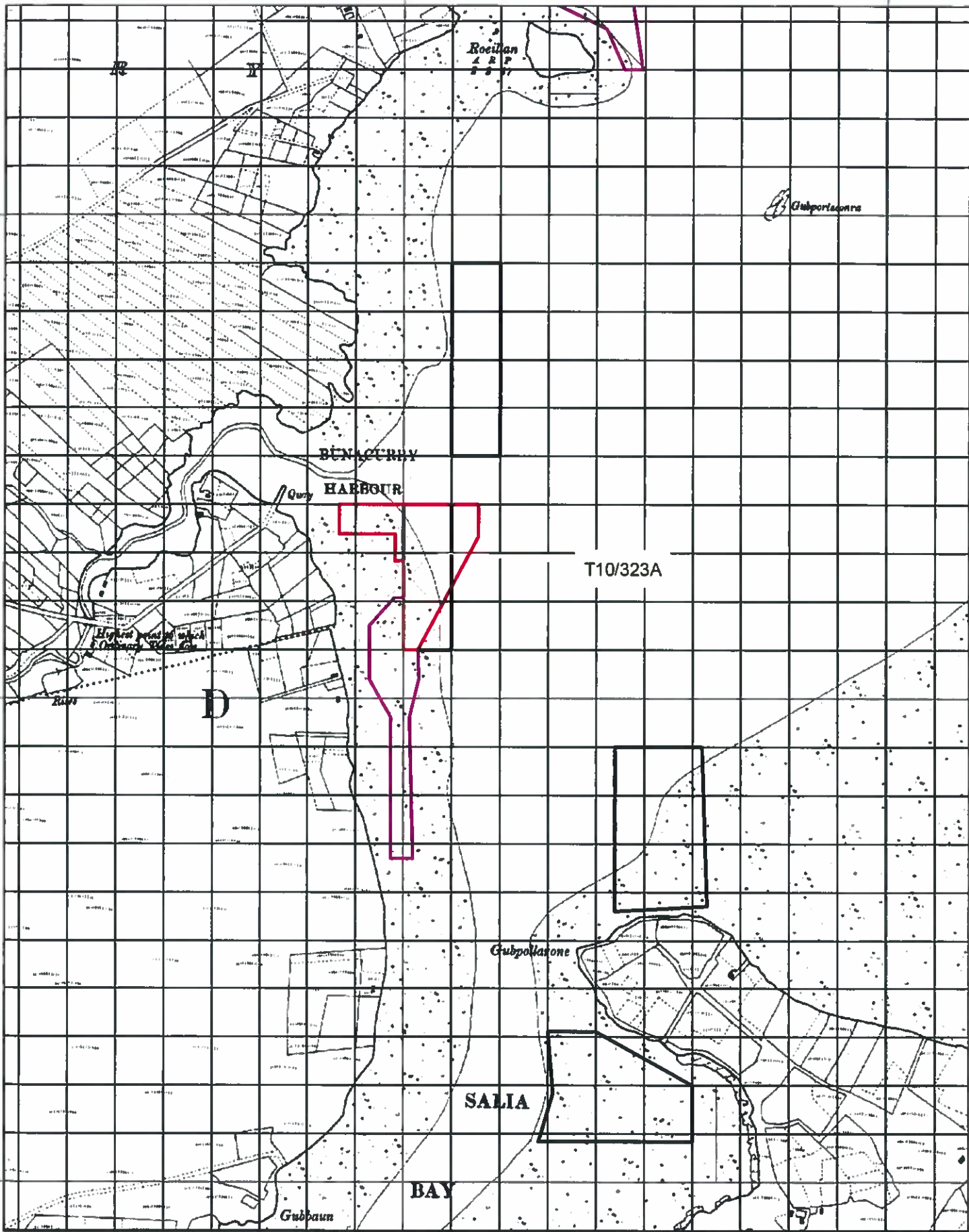
5

304000

303000

72000

0




T10/323A

**Aqua Culture Sites**

<all other values>

**Site\_Status**

-  Application
-  Lapsed
-  Licensed
-  Refused
-  Renewal
-  Revoked
-  Surrendered
-  Withdrawn

100 Meter Reference Grid

1:10,560

Sites highlighted in red denotes Application

Ordnance Survey Ireland Licence No. EN 0076413  
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Food and the Marine**  
An Foireann  
**Talmhaíochta,  
Bia agus Mara**



## **1 NO. SITE AT ACHILL SOUND N CO.MAYO**

### **Co-ordinates & Area**

#### **Site T10/323A (4.09 Ha)**

The area seaward of the high water mark and enclosed by a line drawn from Irish National Grid Reference point

071865, 304400 to Irish National Grid Reference point  
072155, 304400 to Irish National Grid Reference point  
072155, 304335 to Irish National Grid Reference point  
072030, 304100 to Irish National Grid Reference point  
072000, 304100 to Irish National Grid Reference point  
072000, 304285 to Irish National Grid Reference point  
071982, 304285 to Irish National Grid Reference point  
071982, 304340 to Irish National Grid Reference point  
071865, 304340 to the first mentioned point.