

**AQUACULTURE - LICENSING UNDER**  
**FISHERIES (AMENDMENT) ACT 1997 as amended**  
**and**  
**FORESHORE ACT 1933 as amended**

*Application Form for an Aquaculture and Foreshore Licence for a  
single specific site.*

*If a Licence is required for more than one site a separate  
application form must be completed for each site.*

**Important Note**

Section 4 of the Fisheries and Foreshore (Amendment) Act, 1998 (No. 54 of 1998) prohibits any person making an application for an Aquaculture Licence from commencing aquaculture operations until duly licensed under the Fisheries (Amendment) Act, 1997 (No. 23 of 1997), and provides that a breach of that prohibition will cause the application to fail.

A copy of an Environmental Impact Statement and Natura Impact Statement should be enclosed, if required, with all new, review and renewal applications. See

Aquaculture & Foreshore Management Division,  
Department of Agriculture, Food and the Marine,  
National Seafood Centre,  
Clonakilty, Co. Cork  
Telephone: (023) 8859500  
Fax: (023) 8821782

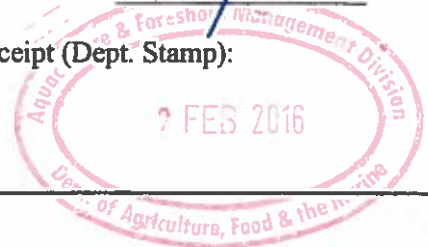
Revised 2014

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

**For Office Use**

Application Ref. No. **TS/603**

Date of Receipt (Dept. Stamp):



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

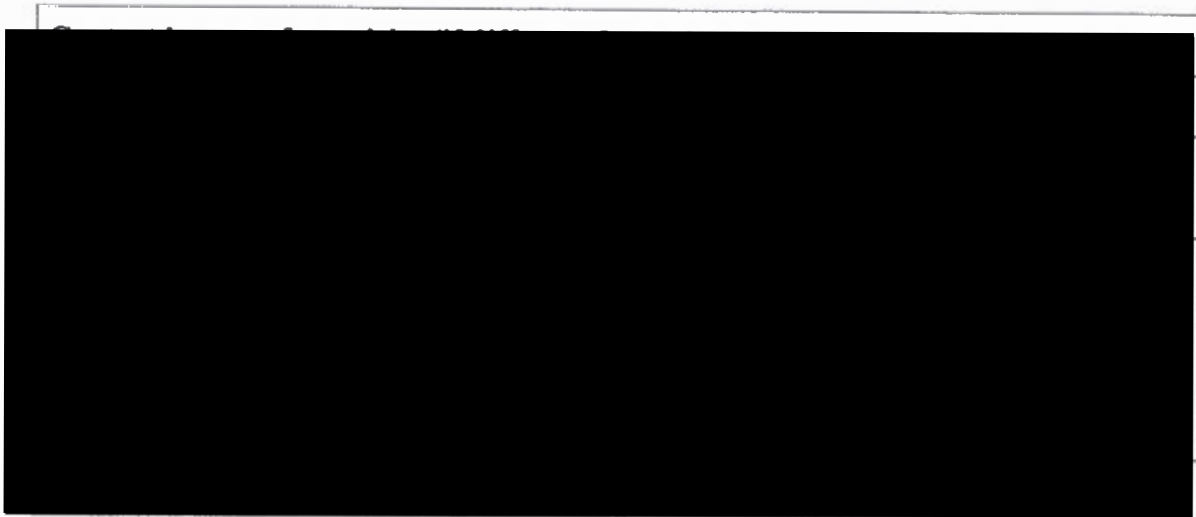
***Note:*** Details provided in Parts 1 and 2 will be made available for public inspection. Details provided in Parts 3 and 4 and any other information supplied will not be released except as may be required by law, including the Freedom of Information Act 1997 as amended.

**USE BLOCK CAPITALS IN BLACK INK PLEASE**

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

**PART 1: PRELIMINARY DETAILS**

<b>Applicant's Name(s)</b>	
1.	<b>AG Oysters Limited</b>
Address:	FIRST FLOOR, 10/11 EXCHANGE PLACE, INTERNATIONAL FINANCIAL SERVICES CENTER, DUBLIN 1



## 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                  | <input checked="checked" type="checkbox"/> |
| (ii) Trial Licence                       | <input type="checkbox"/>                   |
| (iii) Foreshore Licence, if Marine Based | <input type="checkbox"/>                   |
| (iv) Review of Aquaculture Licence       | <input type="checkbox"/>                   |
| (v) Renewal of Aquaculture Licence       | <input type="checkbox"/>                   |

### TYPE OF AQUACULTURE

*See Guidance Note 3.2*

Indicate the relevant type of application with a tick.

#### (i) MARINE-BASED

- |  |  |                          |
|--|--|--------------------------|
| Finfish                                  | <input type="checkbox"/>                   | Go to Parts 2.1 and 2.1A |
| Shellfish <i>Subtidal</i>                | <input type="checkbox"/>                   | Go to Parts 2.2 and 2.2A |
| <i>Intertidal</i>                        | <input checked="checked" type="checkbox"/> | Go to Parts 2.2 and 2.2A |
| Seaweed/Aquatic Plants/Aquatic Fish Food | <input type="checkbox"/>                   | Go to Parts 2.3 and 2.3A |

**PART 2: DETAILS RELATING TO THE PROPOSED AQUACULTURE  
PROJECT**

**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: CLONAKILTY BAY, MIDDLE RING
- (ii) County: COUNTY CORK
- (iii) OS Map No: OS1402 AND OS1404  
(SEE ANNEX 7)
- (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.]

IRISH NATIONAL GRIDS  
(SEE ANNEX 6)

- (v) Size of Site (hectares):  
22.65HA

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

CRASSOSTREA GIGAS (PACIFIC OYSTER)

(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.

Seed will be delivered by lorry.

Origins:     - NATURAL SEED (FRANCE)  
              - HATCHERY SEED (FRANCE/ UK / IRELAND).  
              - GRADE 6 - 10 MM AND HALF GROWN (15-25 GRAMS)

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)

CULTURE IN BAG ON TRESTLES.

(x) Proposed number of lines/ropes/trestles as per site layout drawing

12,144 TRESTLES, 6 BAGS PER TRESTLE, 72,864 BAGS IN TOTAL. 3.230 BAGS/HA.

(xi) Proposed Production Tonnage:

Year 1	0	Year 2	522,480	Year 3	522,480	Year 4	522,480	Year 5	522,480
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(xii) (a) Please outline the reasons for site selection:

EASILY MANAGEABLE SITE WITH MULTIPLE ACCESS BY EITHER TRACTOR OR BOAT. THERE ARE GOOD BIOLOGICAL INDICATORS OF A HIGH TROPHIC LEVEL SO GOOD GROWTH FOR SHELLFISH. THE SITE IS CHARACTERISED BY STRONG TIDAL FLOWS AND THE ENTIRE SITE DRIES OUT AT LOW TIDE.

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

THE SUBSTRATUM IS MADE OF HARD CLEAR SAND WITH RIPPLES, INDICATING STRONG CURRENTS CARRYING FOOD AND OXYGEN TO THE OYSTERS. THE RIVER UPSTREAM CARRY NUTRIENTS THUS BOOSTING THE PRIMARY PRODUCTION ON WHICH OYSTER FEED. THE SITE IS LOCATED IN THE MIDDLE SECTION/ LOWER PART AN ESTUARY, A SHELTER AREA SUITABLE FOR KEEPING TRESTLES OVER SUMMER AND WINTER.

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

THE PRODUCT WILL BE INTENDED FOR DIRECT HUMAN CONSUMPTION AFTER DEPURATION IN FRANCE.

HALF GROWN OYSTERS MAY ALSO BE PRODUCED ON THIS SITE.

(xiv) How will the visual impact issues of the flotation devices for the proposed application be addressed?

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

Yes ☐ No ☒

If yes give details.

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

- ESTUARIES ARE COMMONLY USED FOR THE CULTURE OF SHELLFISH.
- GOOD WATER QUALITY, WASTE WATER PLANTS EFFLUENTS CONFORMS TO THE URBAN WASTE WATER TREATMENT DIRECTIVE.
- ABUNDANCE OF NUTRIENTS.
- THERE ARE MULTIPLE ACCESS TO THE SITE.
- IDEAL FOR CULTURE ON TRESTLE (HARD SAND, GOOD FLOW).
- GOOD ROAD ACCESS TO CORK AND MOTORWAY.

- HUMAN RESOURCES FOR EMPLOYMENT WITH CLONAKILTY SITUATED NEARBY.

(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?

NO CLASSIFICATION FOR THIS AREA.

(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)

CLONAKILTY HARBOUR IS CLASSIFIED AS A NATIONAL HERITAGE AREA, SPECIAL AREA OF CONSERVATION AND SPECIAL PROTECTION AREA.

AT LOW TIDE, EXPOSED SAND FLATS ARE ABRASIVE ENVIRONMENTS SUITABLE FOR DEEP BURIED SEA LIFE (WORMS, MOLLUSC) OR ANIMAL FINDING REFUGE IN POOLS (CRUSTACEANS, ECHINODERMS). OYSTER FARMING ON TRESTLES, ABOVE THE GROUND HAVE A MODERATE ECOLOGICAL IMPACT ON THE WILDLIFE. ALSO TRESTLES ACT AS REEFS WHERE MANY PLANTS AND ANIMALS CAN ATTACH, PROVING SHELTER AND NURSERY FOR SEA ANIMALS. THE INCREASE OF FAUNAL BIODIVERSITY WILL BENEFIT TO BIRDS FORAGING FOR PREY (SEE REPORT "PRELIMINARY SURVEY OF SPECIES RICHNESS AND ABUNDANCE ASSOCIATED WITH COMMERCIAL OYSTER CULTIVATION, F. RICHEZ & G. OLIVER, MARCH 2008").

FEEDING GROUNDS FOR BIRDS ARE MOSTLY LOCATED UPSTREAM ON THE MUD FLATS. IT IS EXPECTED THAT THE SITE WILL BE MORE VISITED BY BIRDS WITH THE INCREASE OF FOOD SOURCE FROM THE TRESTLES. AS SUCH, BRENT GEESE ARE COMMONLY SPOTTED USING TRESTLES FOR RESTING AND FEEDING ON THE GREEN ALGAE. OYSTER CATCHERS WILL BE USING THE SITE IN SEARCH OF DAMAGED OYSTER SHELL.

VISUAL IMPACT: INCHYDONEY BEACH IS ACCESSIBLE TO TOURIST BY ROAD AND A PARKING. ALSO THE BEACH IS A PREMIUM ATTRACTION FOR TOURISM FOR BATHING AND RECREATIONAL ACTIVITIES. THE SITE IS LOCATED IN CLONAKILTY HARBOUR BETWEEN THE MIDDLE RING AND THE NORTH RING SO THAT THERE IS NO DIRECT ACCESS BY TOURIST ON FOOT OR BY ROAD. THEREFORE THE VISUAL IMPACT IS KEPT TO A MINIMUM. ALSO, OYSTER FARMING ACTIVITIES WILL BE INTEGRATED TO TOURISM DEVELOPMENT, SUCH AS IT IS DONE IN FAMOUS PLACES IN FRANCE SUCH AS MAREENES , ARCACHON, ISIGNY, UTAH BEACH OR DUNGARVAN, CARLINGFORD AND CLARENBRIDGE IN IRELAND.

POSITIVE IMPACT: OYSTER ARE FEEDING ON THE PRIMARY PRODUCTION (THE ALGAE). THEY WILL REDUCE THE PROBLEMS OF COASTAL EUTROPHICATION AS IT HAS ALREADY BEEN REPORTED IN CLONAKILTY HARBOUR, THUS AFFECTING TOURISM. AS MATTER OF FACT, EXCESS OF NUTRIENTS USED BY THE PRIMARY PRODUCTION PROMOTE THE GROWTH OF SEA LETTUCE IN THE SHALLOW DEPTH (SOURCES: SEA LETTUCE TASK FORCE REPORT, APRIL 2010; EPA, WATER QUALITY IN IRELAND 2010-12). THEREFORE THIS ACTIVITY WITH HAVE A VERY POSITIVE FOOT PRINT AND HELP TO MAINTAIN A GOOD ENVIRONMENT BALANCE/RECOVERY FROM EXCESS OF NUTRIENTS LOADS.

THE OYSTER FARM WILL PARTICIPATE TO THE SUSTAINABLE DEVELOPMENT OF COASTAL COMMUNITIES, CREATING LOCAL EMPLOYMENT. IT WILL BENEFIT TO OTHER LOCAL BUSINESSES: DIRECTLY WITH THE SALE OF CLONAKILTY OYSTERS TO LOCAL RESTAURANT AND STORES, INDIRECTLY IT WILL ENRICH THE CULTURAL HERITAGE AND HELP PRESERVE A WELL BALANCED ENVIRONMENT.

FOR ITS LOCATION, THE FARM WILL BE A GOOD EXAMPLE OF INTEGRATION OF THE NATURAL, CULTURAL AND SOCIALE HERITAGE.

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(xviii) Are there known sources of pollution in the vicinity e.g. sewage outfall? Yes  
If yes please give full details.

THE EXISTING WASTEWATER TREATMENT PLANT IN CLONAKILTY IS LOCATED ON THE SEA FRONT, EAST OF THE GAA PITCH AND ADJACENT TO THE MODEL RAILWAY VILLAGE. IT RECEIVES THE EFFLUENT FROM TOWN AND ENVIRONS. IT HAS BEEN RECENTLY UPGRADED AND CAN NOW HANDLE FOUR TIMES THE CAPACITY OF 2013.

EMISSIONS FROM THE PLANT ARE TO COMPLY WITH THE URBAN WASTE WATER TREATMENT DIRECTIVE. REGARDING THE EMISSION OF POLLUTANTS TO THE ENVIRONMENT, INCHYDONEY BEACH HAS MAINTAINED ITS STATUS AS BLUE FLAG FOR THE LAST NUMBER OF YEARS, THUS INDICATING A OVERALL GOOD WATER QUALITY IN THE AREA AND IN COMPLIANCE WITH COLIFORM REQUIREMENTS. SOURCE: D005-01 CLONAKILTY AND ENVIRONS WASTEWATER DISCHARGE LICENSE APPLICATION; NOTICE 18(3)(B) 16/05/13).

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(xix) Methods used to harvest the shellfish and details of any subsequent processing of shellfish

THE OYSTER BAGS WILL BE HARVESTED USING A TRACTOR AND TRAILER AT LOW TIDE.

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

HUITRES GEAY EARL.  
BP 74 RUE DES BRUNETTES  
LA TREMBLADE 17390 - FRANCE

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

SEED/ HALF GROWN OYSTER: GREEN CRABS, BROWN CRAB.

LARGE OYSTERS: OYSTER CATCHER (FOR BAGS MESH SIZE SUPERIOR TO 8 —10 MM)

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

REMOVE THE CRABS FROM THE BAGS OF SEED AND USE 10-12 MM BAGS IF THERE IS PREDATION FROM OYSTER CATCHER.

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

**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:

MR ADRIEN IS THE FIFTH GENERATION OF OYSTER FARMING IN FRANCE (SINCE 1874).  
HUITRES GEAY SARL WAS CREATED IN 2011 AND IT IS A RENOWN OYSTER BUSINESS AT  
LA TREMBLADE, MARENNE, FRANCE.

**Qualification**

HIGHER DIPLOMA IN AQUACULTURE IN FRANCE (TECHNICIAN SUPERIOR DIPLOMA),

- (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:

THE FIRST YEAR THE BUSINESS WILL EMPLOY 5 PERSONS: 2 FULL TIME AND 3 SEASONAL.  
FOR THE FOLLOWING YEAR, 6 PERSONS WILL BE EMPLOYED FULL TIME AND 10  
SEASONAL/ PART TIMES.

**FULL TIME JOBS**

Year 1: 2      Year 2: 6      Year 3: 6      Year 4: 6

**PART TIME JOBS (seasonal)**

Year 1: 3      Year 2: 10      Year 3: 10      Year 4: 10



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**

## 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):

Holder: Adrien GEAY

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

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Date: 19/01/16

**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**

**1 NO. SITE AT CLONAKILTY BAY CO.CORK**

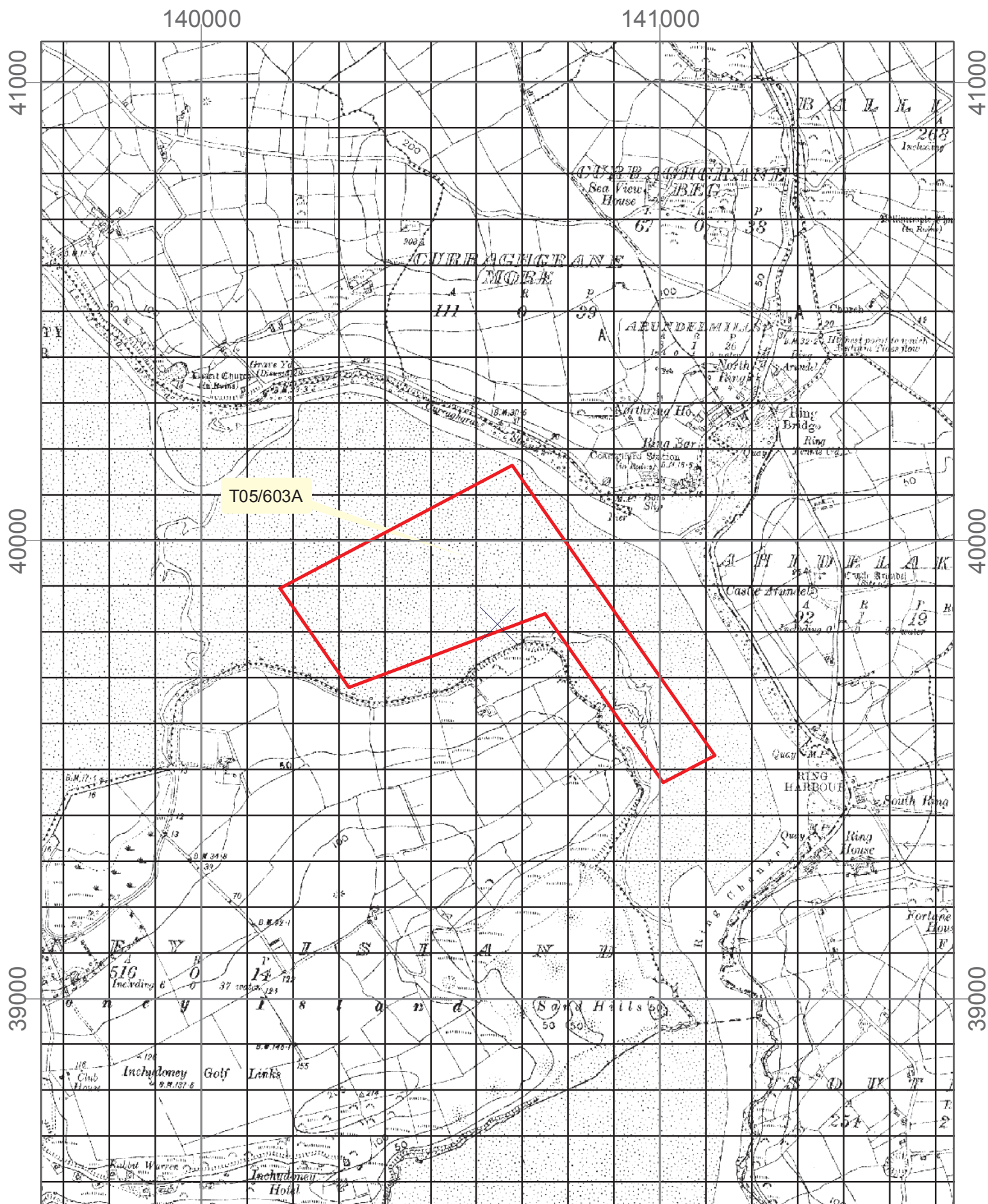
**Co-ordinates & Area**

**Site T05/603A (22.656 Ha)**

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

140172, 039896 to Irish National Grid Reference point  
140678, 040163 to Irish National Grid Reference point  
141119, 039531 to Irish National Grid Reference point  
141008, 039472 to Irish National Grid Reference point  
140749, 039839 to Irish National Grid Reference point  
140321, 039678 to the first mentioned point.





Aqua Culture Sites 140000 141000  
<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  
© Ordnance Survey Ireland/Government of Ireland



#### Aqua Culture Sites

<all other values>

#### Site\_Status

<span style="border: 1px solid red; display: inline-block; width: 15px; height: 10px;"></span>	Application
<span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	Lapsed
<span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	Licensed
<span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	Refused
<span style="border: 1px solid red; display: inline-block; width: 15px; height: 10px;"></span>	Renewal
<span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	Revoked
<span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	Surrendered
<span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	Withdrawn

1:24,000

Sites highlighted in red denotes Application

Part of Admiralty Chart No =2092-0

Not to be used for Navigation

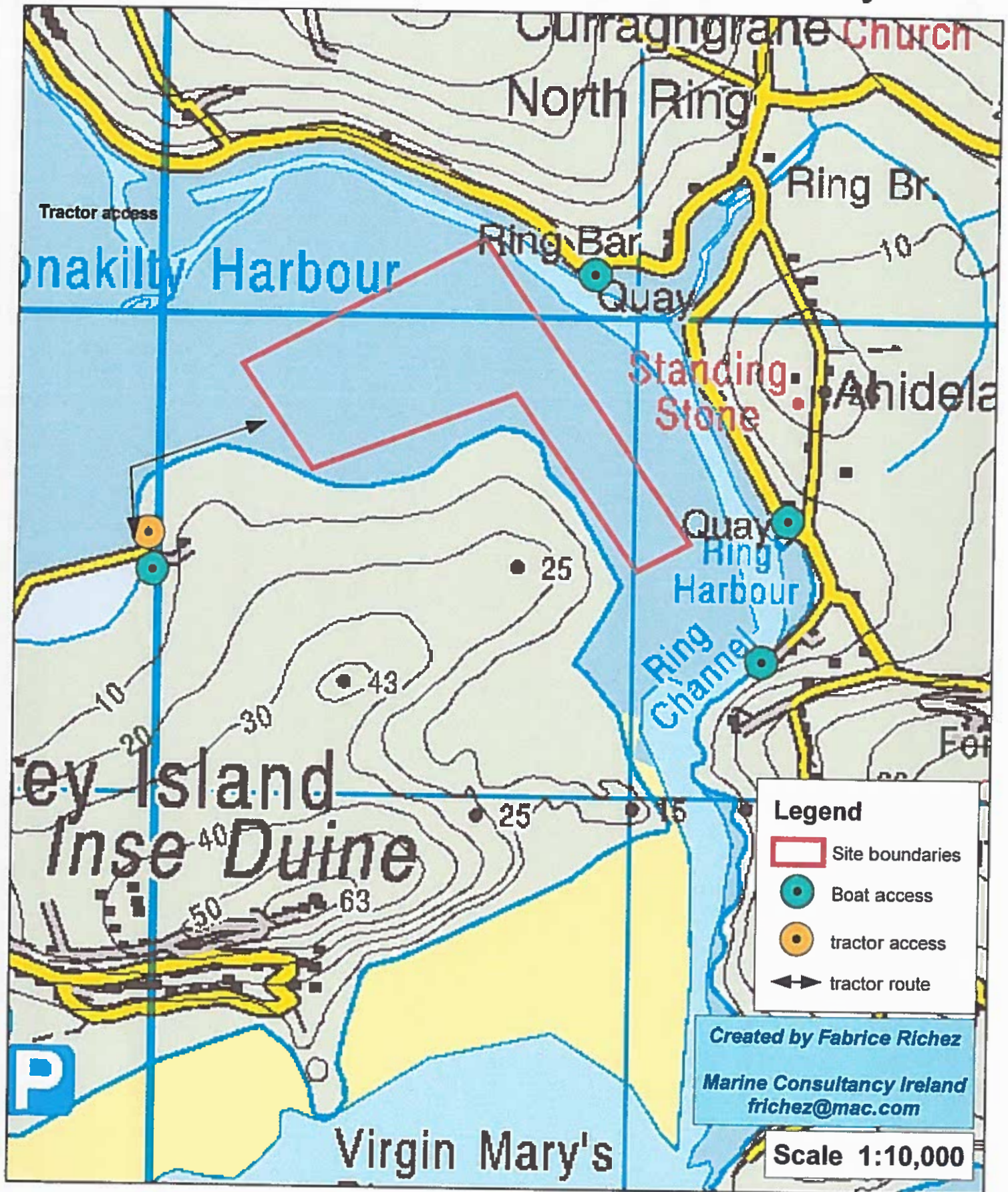


Department of  
**Agriculture,  
Food and the Marine**  
An Roinn  
**Talmhaíochta,  
Bia agus Mara**



# Annex 3 Map of the access route to the site

## AG Oysters Ltd, Clonakilty Harbour, January 2016

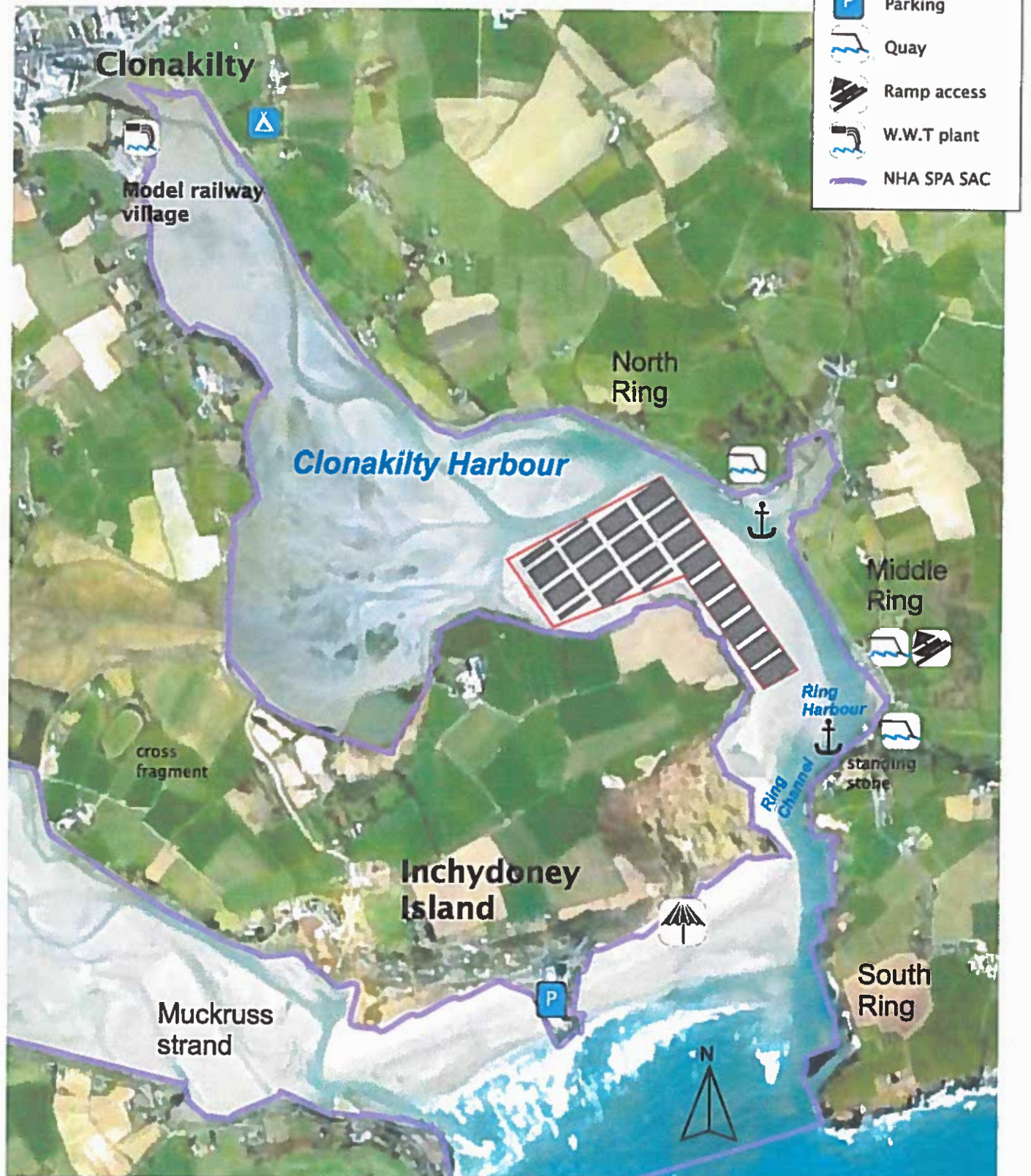




## ANNEX 4

### Satellite map of the aquaculture site and environmental features.

AG Oysters Ltd, Clonakilty harbour, January 2016

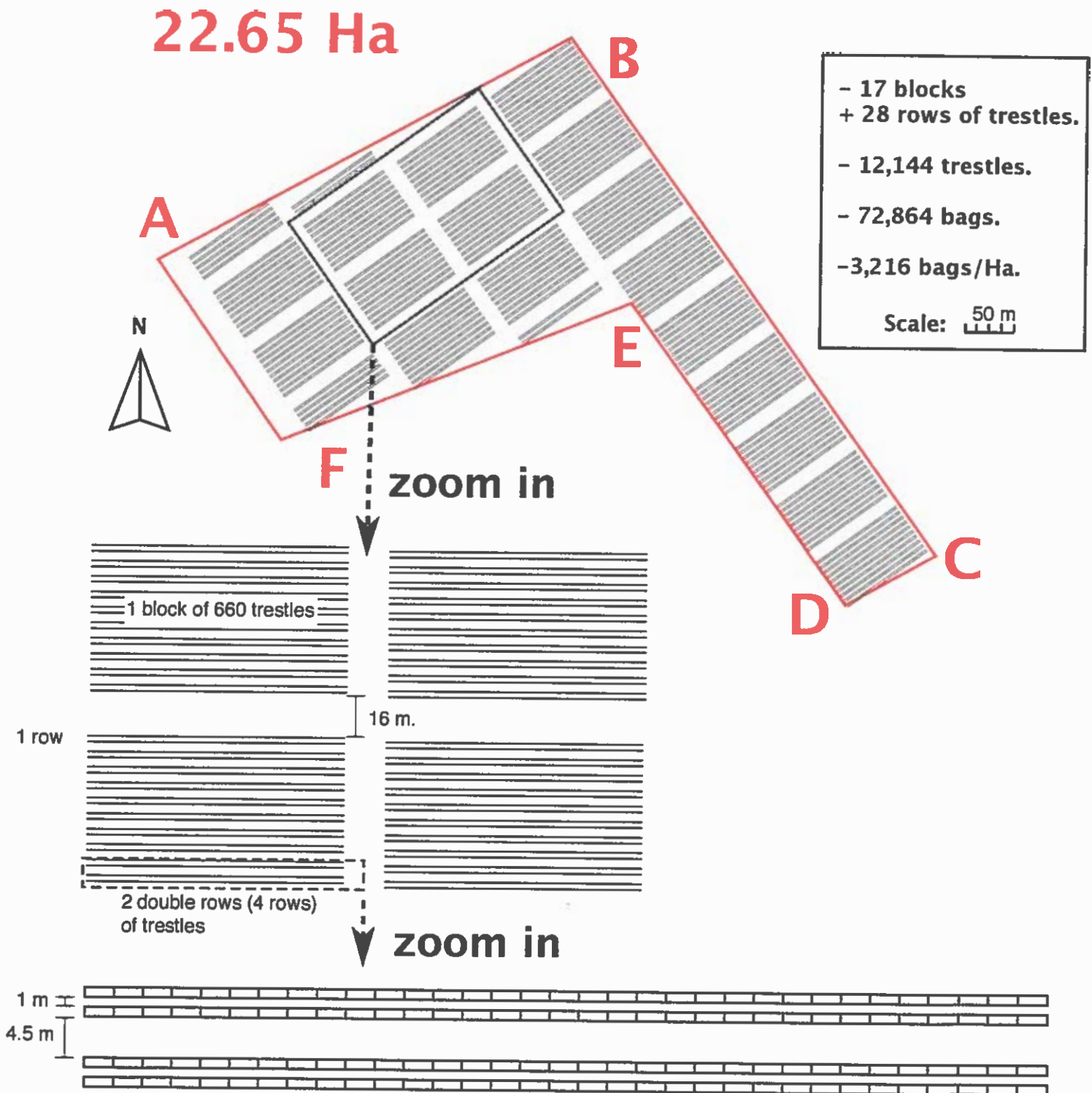


RMCI, Nov 2015

## Annex 5

### Schematic representation of the site with plans of structures

Applicant: AG Oysters Ltd, Clonakilty Bay, January 2016



1 row = 100 meters, 33 trestles, 198 bags  
 20 rows (1 block) =  $20 \times 33 = 660$  trestles  
                                   =  $20 \times 198 = 3,960$  bags

28 rows =  $28 \times 33 = 924$  trestles  
           =  $28 \times 198 = 5,544$  bags

17 blocks  $\times 660 = 11,220$  trestle  
 17 blocks  $\times 3,960 = 67,320$  bags

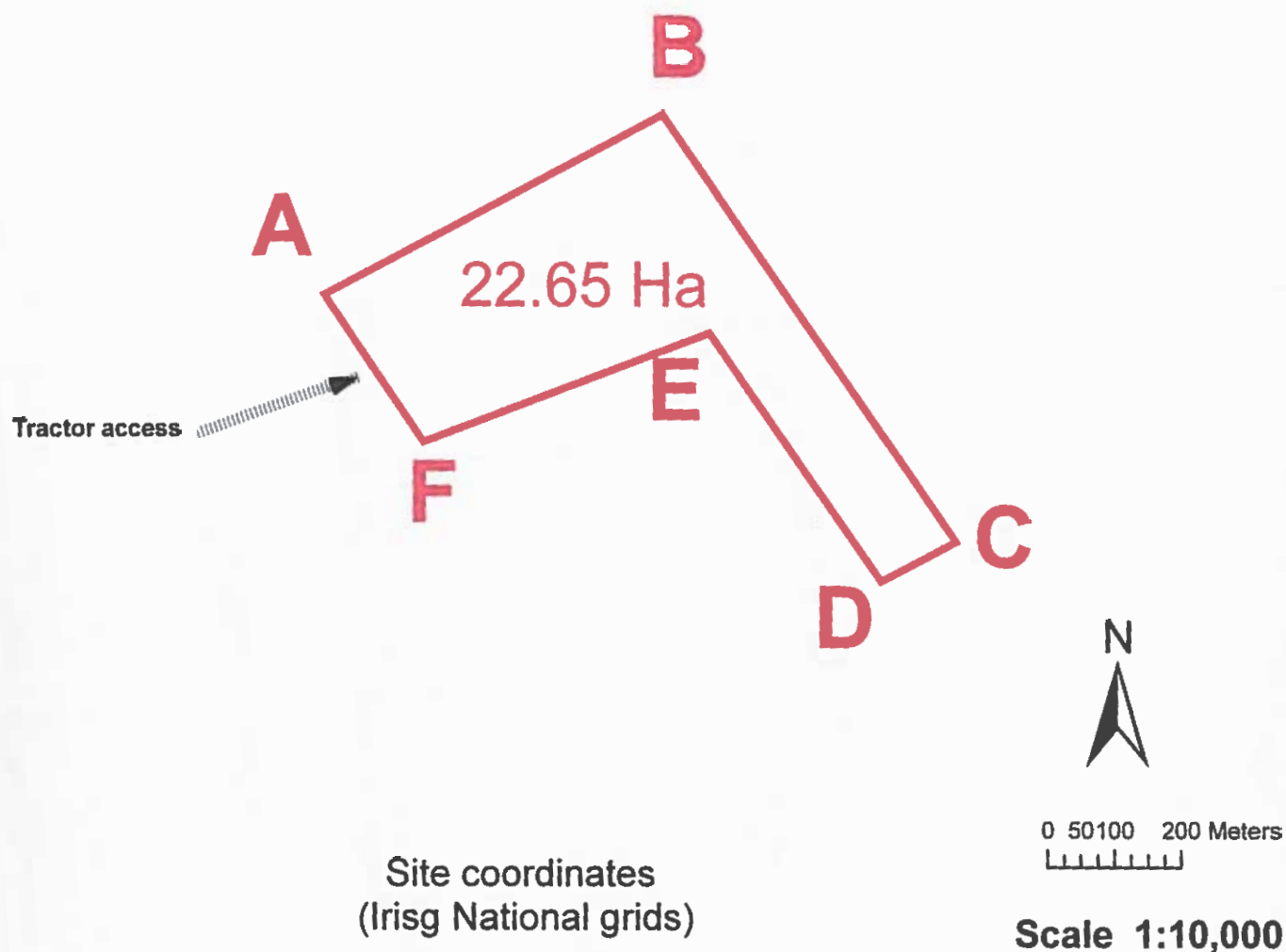
Total: = 12,144 trestles  
           = 72,864 bags

Created by Fabrice Richez  
 Marine Consultant  
 frichez@mac.com



## Annex 6

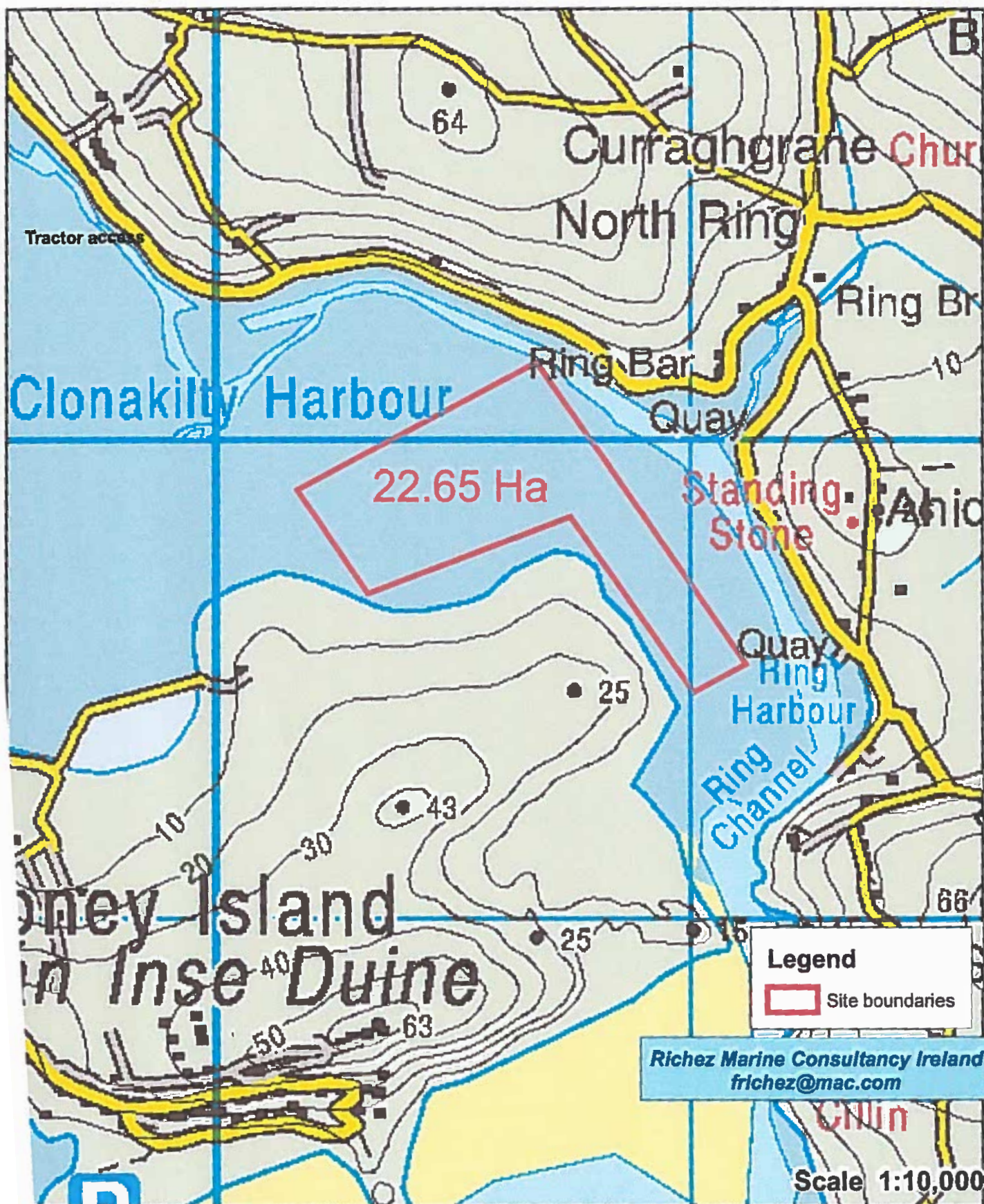
Site coordinates  
AG Oysters Ltd, Clonakilty Harbour  
January 2016



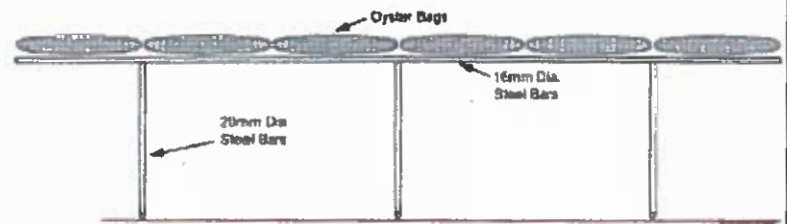
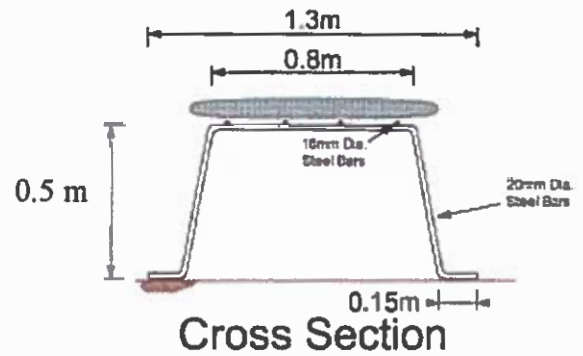
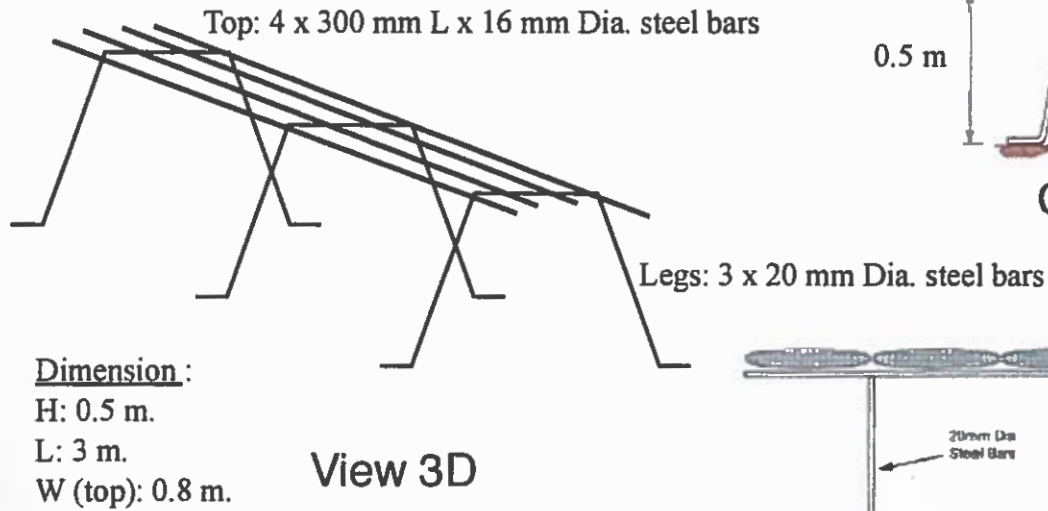
A (X: 140172.407 Y: 39895.714)  
B (X: 140677.946 Y: 40162.712)  
C (X: 141118.826 Y: 29530.870)  
D (X: 141007.519 Y: 39472.260)  
E (X: 140749.252 Y: 39839.400)  
F (X: 140321.416 Y: 39678,091)

## Annex 7

Map of the site OS map 1:10,000  
AG Oysters Ltd, Clonakilty Harbour, January 2016





Schematic representation of trestle**Longitudinal Section**Navigation poles

3.5m. high steel pole with a yellow Cross marker and top flashing light.

Double row of trestles**Date:**18/01/2016**Applicant name:**  
AG Oysters LTD**Title:**  
Proposed aquaculture sites at  
Murriskanabol, Wespport Bay,  
Co Mayo**Address:**  
First Floor,  
10/11 Exchange Place,  
International Financial Services Center,  
Dublin 1**Pictures & diagrams:**Richez  
Marine  
Consultancy  
Ireland

frichez@mac.com