

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

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 Part 3 are confidential and are not for public disclosure.

Use block capitals in black ink

For Office Use

Application Ref. No. 15/622

Date of receipt, [Dept stamp]:

PART 1: PRELIMINARY DETAILS

Name(s) of Applicant(s) in full:

1.A ATLANTIC SHELLFISH LTD.

1.B

Address(es) of Applicant(s) in full:

1.A

1.B

Tel.: Fax:

Tel.: Fax:

1.C TYPE OF APPLICATION

Insert X in relevant box

Indicate the relevant type of application:

- (i) Aquaculture Licence

- (ii) Trial Licence

- (iii) Review of Aquaculture Licence

- (iv) Renewal of Aquaculture Licence

- (v) Foreshore Licence

(This Application Form is valid for each type of application.)

1.D TYPE OF AQUACULTURE

Indicate the relevant type of aquaculture

- (i) Land-based

- (ii) Marine-based

- Shellfish

(iii) - extensive

(iv) - intensive

- (v) Finfish

DOCUMENTS ENCLOSED WITH THIS APPLICATION

The following documents are enclosed with this application:

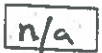
(1) - Ordnance Survey Map (Scale of 1: 10,560, ie, a six inch map)



(2) - British Admiralty Chart (largest available scale)



(3) - Decision of planning authority under Planning Acts



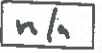
(4) - Copy of licence under Section 4 of Local Government
Water Pollution) Act, 1977



(5) - Environmental Impact Statement



(6) - Drawing of the structures to be used and/or the layout of the farm



(7) - Water Quality Analysis Report (required for Land-based sites only)



(8) - Application Fee



(9) - Other (specify):

Copy Oyster Fishery (Cork Harbour) Order 1963



PART 2: DETAILS RELATING TO PROPOSED AQUACULTURE PROJECT

2.A Employment, Qualifications, Experience, etc.

(i) Details of Applicant's qualifications and experience in aquaculture:

D.H. HUGH-JONES M.A., Dip. Agric. (Contab) FRSS

36 years growing native & pacific oyster in Cork Harbour

9 years managing the hook Ryan native Oyster fishery, Scotland

T.H. HUGH-JONES B.Sc. FRSS 20 years in Cork; 9 years
experience in Scotland.

We have both taken part in EU CRAFT projects - leading to second,
have both published papers etc.

(ii) Other relevant experience (courses attended, etc.):

Members of ISA, ASSG, SASB (Council members)

Many Ph.D's, M.Sc.s etc. organised on the farm
with UCC, University of N. Wales, etc.

Many collaborative research projects undertaken
with UCC, U.C.G., CEFAS (U.K.)

(iii) Details of projected employment creation during first four years of proposed development:

(iv) Projected employment (number of persons):

Year 1:	2	Year 2:	2	Year 3:	6	Year 4:	10
---------	---	---------	---	---------	---	---------	----

B Aquaculture Site Details

Indicate type of site:

- (i) land-based
- (ii) marine-based

☐
☒

2.C Land-based Site

(To be completed if appropriate)

(i) State species to be farmed:

(ii) State proposed system of culture e.g., pond, raceway, circular tank or other method: _____

(iii) Full address of proposed site including townland and County:

(iv) Tonnage to be produced:

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

(v) Proposed source of stock:

(vi) Name of river(s) supplying site with water: _____

(vii) Estimate drought flow in gallons per minute: _____

(viii) Is there a fall of 1.5 metres in the water level at the site or can this be obtained by damming the river without giving rise to flooding of your own or neighbour's land upstream of the site? _____

(ix) Area of proposed site (hectares) : _____

(x) Details of services available on the site e.g., main road access, electricity: _____

(xi) Are there at present any possible sources of pollution upstream of the site, e.g., discharge from sewerage plant, farmyard, sheep dip facility, silage effluent, quarry, sandpit or factory?

(xii) If yes, supply details: _____

YES

☐

NO

☐

-based Site (continued)

The following must be supplied:

- (i) Sketch of the layout of the site in relation to the river(s), road(s) and buildings;
- (ii) Water Quality Analysis Report, which should be drawn up in accordance with the parameters set out in Annex C of the Guidance Notes.

2.E The following conditions must be met in order to allow for consideration of licensing of land-based aquaculture:

- (i) the buildings and equipment must be put in place to the Department's satisfaction; and
- (ii) the operation must comply with Local Authority requirements.

2.F Marine-based Site(s)

(To be completed if appropriate)

Location - (i) Bay: LOWER HARBOUR CORK HARBOUR

- (ii) County: CORK

(iii) OS Map No: _____

(iv) Size (hectares): _____

(v) Species (to be specified): MUSSELS

- Aquatic Plant(s)

- Any form of aquatic food suitable for the nutrition of fish

(vi) Method of culture (e.g., nets, ropes, tanks, trestles etc.) BOTTOM

(vii) Drawings of structures to be used in method of culture should be enclosed.

(viii) If cages or tanks are proposed, state:

- (a) Number: N/A

- (b) Type and shape: _____

- (c) Cubic capacity: _____

- (d) Depth: _____

(ix) Proposed specific site locations (with reasons): _____

(x) Describe proposed purification facilities to be used, where appropriate:

Marine-based Site(s) (continued)

2.G Give details of any special requirements relating to the health of the proposed project and the wider matters of public health and safety:

GRADE 'B'

2.H Tonnage to be produced:

Species (To state)	Year 1:	Year 2:	Year 3:	Year 4:
MUSSELS	40	400	4000	4000

2.I Reasons for selection of site(s):

Cork Harbour produces some of the best quality mussels I have seen & the ground is excellent, level, free from stones/obstructions and a very easy working depth.

Note: The proposed access route to the site(s) from public road across tidal foreshore area must be indicated on the OS map accompanying the application.

2.J Environmental Impact Statement (EIS).

A copy of an EIS, if required with the application, should be enclosed. The EIS should contain the information specified in Annex B of the Guidance Notes.

2.K Trial Licence.

(To be completed if appropriate)

Describe experimental or investigative nature of the proposed project:

[Use separate page if required - to be signed and dated]

B. MARKETING (continued)

3. Will the product be processed or packaged?

YES

☐

NO

☒

I/We hereby declare the information provided in Parts 1, 2 and 3 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):

[Handwritten Signature]

Date:

8th August 2006

* Preferred method of payment is by cheque or bank draft. The fee should be made payable to The Department of the Marine and Natural Resources.

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

Aquaculture Licensing
Coastal Zone Administration Division
Department of the Marine and Natural Resources
Leeson Lane
Dublin 2

OYSTER FISHERY (CORK HARBOUR) ORDER, 1963.

WHEREAS the Shannon Oyster Company Limited, of 72, St. Stephen's Green, Dublin, has made application, under section 256 of the Fisheries (Consolidation) Act, 1959 (No. 14 of 1959), for an Oyster Fishery Order:

NOW, I, BRIAN Ó LUINEACHÁIN, Parliamentary Secretary to the Minister for Lands, in exercise of the powers conferred on me by the said section and the Fisheries (Delegation of Ministerial Functions) Order, 1961 (S.I. No. 258 of 1961), and after compliance with sections 257, 258, 259 and 260 of the said Act, do hereby, with the consent of the Minister for Transport and Power, order as follows:

1.(1) This Order may be cited as the Oyster Fishery (Cork Harbour) Order, 1963.

(2) This Order shall come into operation on the 15th day of March, 1963.

2. Subject to the provisions of section 267 of the Fisheries (Consolidation) Act, 1959 (No. 14 of 1959), and of the Foreshore Act, 1933 (No. 12 of 1933), the Shannon Oyster Company Limited is hereby granted, within the limits of the oyster fishery described in the Schedule hereto, the exclusive right of depositing, propagating, dredging and fishing for and taking oysters, and in exercise of that right, may, within the limits of the said fishery, make and maintain oyster beds, and at any season collect oysters and remove them from place to place and deposit them as and where the Company thinks fit, and do all other things which the Company thinks proper for obtaining, storing and disposing of the produce of the said fishery or for the regulation of the said fishery.

SCHEDULE

Limits and Extent of Oyster Fishery granted by this Order.
That part of Cork Harbour and the tidal creeks and tributaries thereof enclosed by a straight line drawn from the most westerly

Point at high-water mark of the townland of Ballincarroonig, at Long Point otherwise known as Ring Point, in the barony of Imokilly and county of Cork, to the south-east corner of Cuskinny House in the townland of Cuskinny, barony of Barrymore and county of Cork; and by a straight line drawn from the most southerly point at high-water mark of the townland of Garrahekinnefeake, at Gold Point in the barony of Imokilly and county of Cork, to the most easterly point at high-water mark of the townland of Walterstown, at Harloag Point in the barony of Barrymore and county of Cork.

GIVEN under my hand, this 5th day of March, 1963.

BRIAN Ó LUINEACHÁIN,

Parliamentary Secretary to the
Minister for Lands.

The Minister for Transport and Power hereby consents to the making of the foregoing Order.

GIVEN under the Official Seal of the Minister for
Transport and Power, this 5th day of March, 1963.

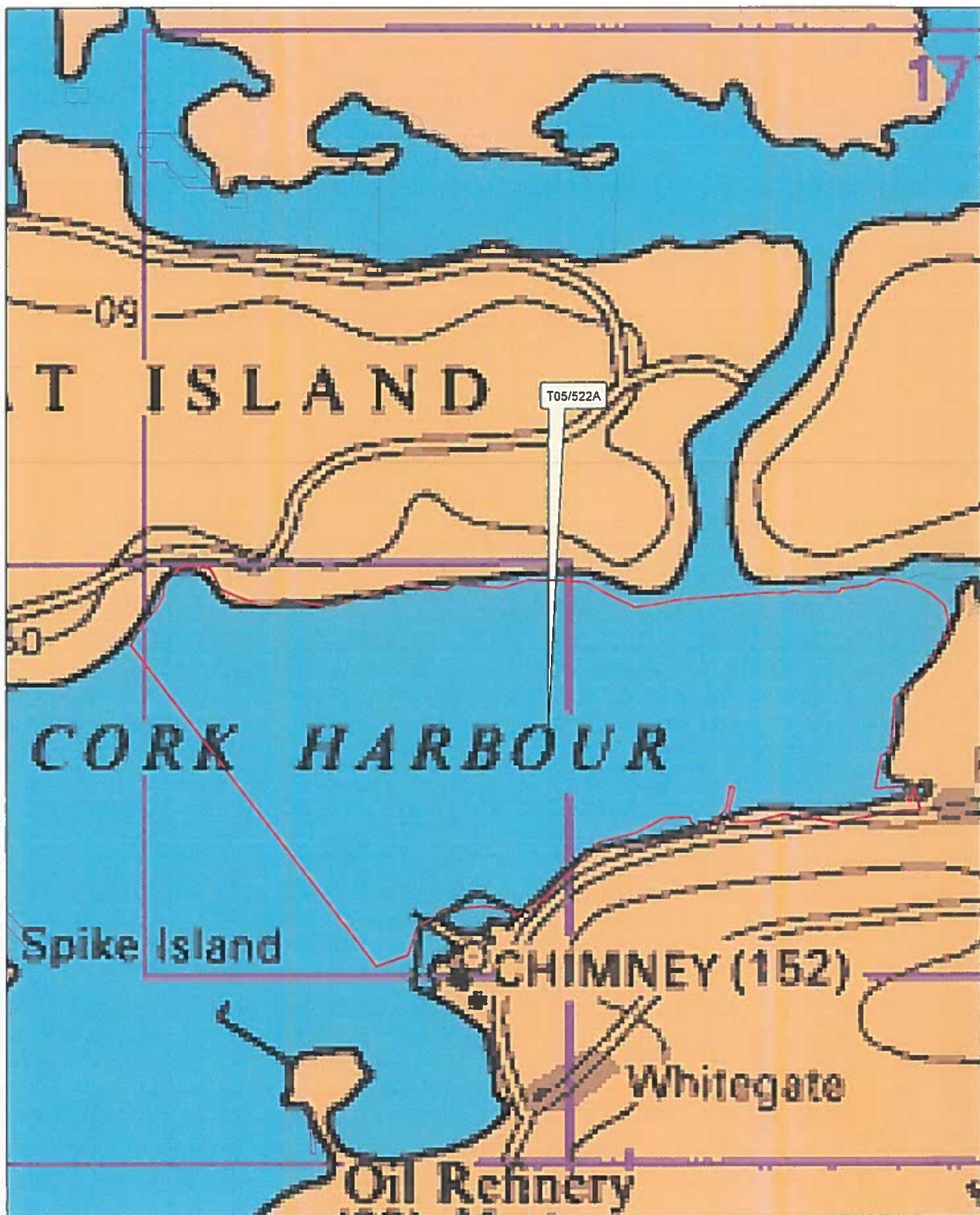
L.S.

D. Ó RÍORDÁIN,

Assistant Secretary, Department of
Transport and Power.

A person authorised under section 15(1) of the Ministers and Secretaries Act, 1924, to authenticate the seal of said Minister.

NOTE.- Section 11 of the Fisheries (Consolidation) Act, 1959, provides that any person aggrieved by this Order may, within twenty-eight days after 12 March, 1963, appeal against the same to the High Court.



1:24,000

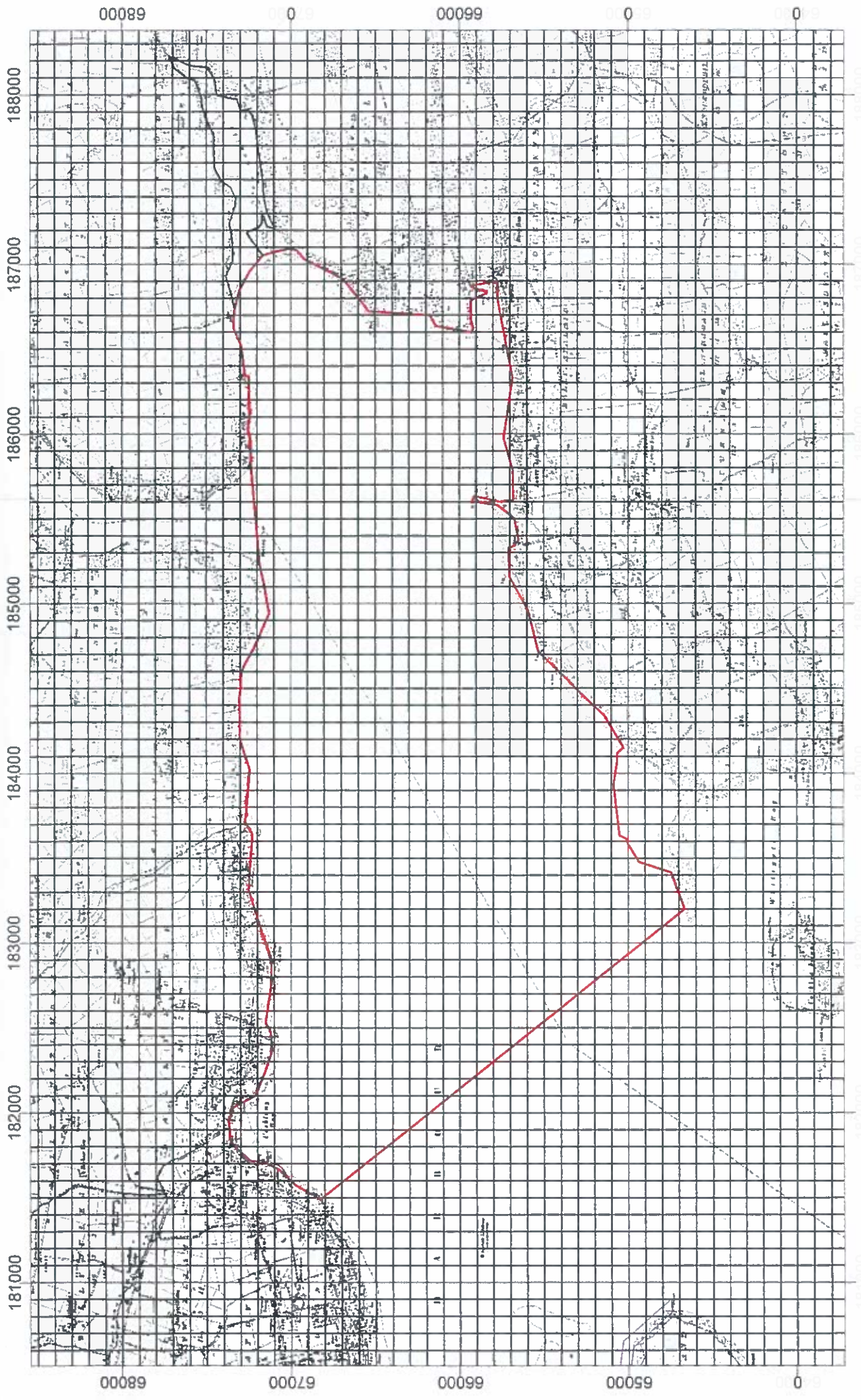
Aqua Culture Sites
<all other values>
Site_Status
Application
Licensed

Sites highlighted in red denotes Application

Part of Admiralty Chart No =2424-0
Not to be used for Navigation



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



1:20,000

lighted in red denotes Application
 survey I nd licence No EN 76419
 rvey Ir nd ove nt of reland



Application
 License
 Reference Grid

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. _____

Date of Receipt (Dept. Stamp):

Type of Applicant (tick one)

Sole Trader

Partnership

Company: YES

Co-Operative

Other

PART 1: PRELIMINARY DETAILS

Applicant's Name(s)	
1.	Atlantic Shellfish Ltd.
Address:	<div style="background-color: black; height: 15px; width: 100%;"></div> <div style="background-color: black; height: 15px; width: 100%;"></div> <div style="background-color: black; height: 15px; width: 100%;"></div> <div style="background-color: black; height: 15px; width: 100%;"></div> <div style="background-color: black; height: 15px; width: 100%;"></div> <div style="background-color: black; height: 15px; width: 100%;"></div>
<p>NOTE: This application form is simply an update of our original application submitted on 18th August 2006, requested by James O'Connell on 31/7/2020</p> <p>We are very much looking forward to hearing the news.</p>	

Contact in case of enquiries (if different from above)	
Contact Name	Tristan Hugh-Jones
Organisation Name (if applicable)	Atlantic Shellfish Ltd.
Address	<div style="background-color: black; width: 100px; height: 15px; margin-bottom: 5px;"></div> <div style="background-color: black; width: 120px; height: 15px; margin-bottom: 5px;"></div> <div style="background-color: black; width: 80px; height: 15px; margin-bottom: 5px;"></div> <div style="background-color: black; width: 90px; height: 15px; margin-bottom: 5px;"></div> <div style="background-color: black; width: 190px; height: 15px;"></div>

Dated 19 August 2020

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:

☐ yes

(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* ☒ **YES** Go to Parts 2.2 and 2.2A

Intertidal ☒ **YES** 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

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: Cork Harbour
- (ii) County: Cork
- (iii) OS Map No: Cork sheets 87 and 88
- (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.]

Please see maps drawn by Gearoid O'Shea on 27/11/2019

- (v) Size of Site (hectares): 989.5Ha (Oyster Order), but only 32Ha for mussels

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

Mussels, *Mytilus edulis*

(vii) Whether production will be sub-tidal or inter-tidal? Both, but mainly subtidal.

(viii) Please supply details of (a) source of seed e.g. wild hatchery and location and (b) means of collection and introduction to culture. Cork Harbour wild mussel seed, both hand gathered and collected.

(ix) Method of culture: Extensive bottom culture

(x) Proposed number of lines/ropes/trestles as per site layout drawing: none

(xi) Proposed Production Tonnage:

Year 1	4	Year 2	40	Year 3	400	Year 4	1000	Year 5
--------	---	--------	----	--------	-----	--------	------	--------

(xii) (a) Please outline the reasons for site selection:

Great growth, good sheltered location, good quality water, great meat yields, own seed supply. Own Oyster Fishery (Cork Harbour) Order, 1963. Near to markets and good transport links.

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

n/a

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

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

No floats

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

Yes, part of it.

If **yes** give details.

Rostellan North and Rostellan South

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

The area is entirely enclosed by the Oyster Fishery (Cork Harbour) Order 1963, and has been farmed for shellfish since 1970. It produces some of the finest shellfish in the country.

(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?

The area is classified as Grade B.

(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)

Yes.

(xviii) Are there known sources of pollution in the vicinity e.g. sewage outfall? Yes.

If yes please give full details.

Cork Harbour discharges.

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

(xx) Describe any proposed purification facilities to be used: at Rossmore, Carrigtwohill

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

Starfish and green crab

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

Natural methods.

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:

Tristan Hugh-Jones has been running the Oyster Farm in Cork since 1995, over 25 years experience, with a Degree from Bristol University. He is a member of the ISA, and also manages a native oyster fishery in Loch Ryan, Scotland. The marketing of all oysters is sent through our purification facility in the UK, which has been in operation for the last 20 years, selling around 30,000 oysters / week. The facility in the UK has maintained BRC accreditation or SALSA approval for all these years. Tristan is a Council member of the Shellfish Association of Great Britain and is on the Management Committee of the Association of Scottish Shellfish Growers. Tristan is on the NORA Advisory Board for the restoration of Native oyster beds in Europe.

Rupert Hugh-Jones has been managing the farm on a day to day basis, and has been working for three years on the farm. With a degree in biology, he is ideally suited to increase production and manage the stock. Being on the RNLI Ballycotton lifeboat, he has extensive nautical experience. He has been running our native oyster hatchery for the last three years, and has increased production from 1m oysters / year, to 20m oysters this year. He also runs the gigas nursery and trestles, this year growing 2 million gigas seed from 2mm in size to over 15g now. He also runs and manages three farmers markets in Cork, Mahon Point, Douglas and Wilton, so has a very good route to the market for our produce.

- (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 venture will provide an additional 4 full time jobs after four years.

FULLTIME JOBS

Year 1:	1	Year 2:	2	Year 3:	3	Year 4:	4
---------	---	---------	---	---------	---	---------	---

PART TIME JOBS

Year 1:		Year 2:		Year 3:		Year 4:	
---------	--	---------	--	---------	--	---------	--

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

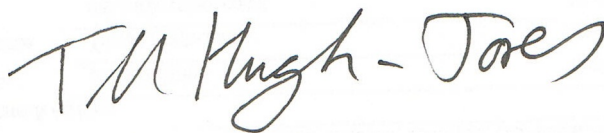
If this is a renewal/review have you met all licence conditions of the existing aquaculture licence? If applicable, explain why you have not complied with all conditions:

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 and that I am over 18 years of age. I/We enclose an application fee* of € _____ with this application.

Signature(s) of Applicant(s):

(Please state capacity of persons

signing on behalf of a Company/Co-op)

 _____

Date: 2nd July 2021 _____

NB All persons named on this licence application must sign and date this application form.

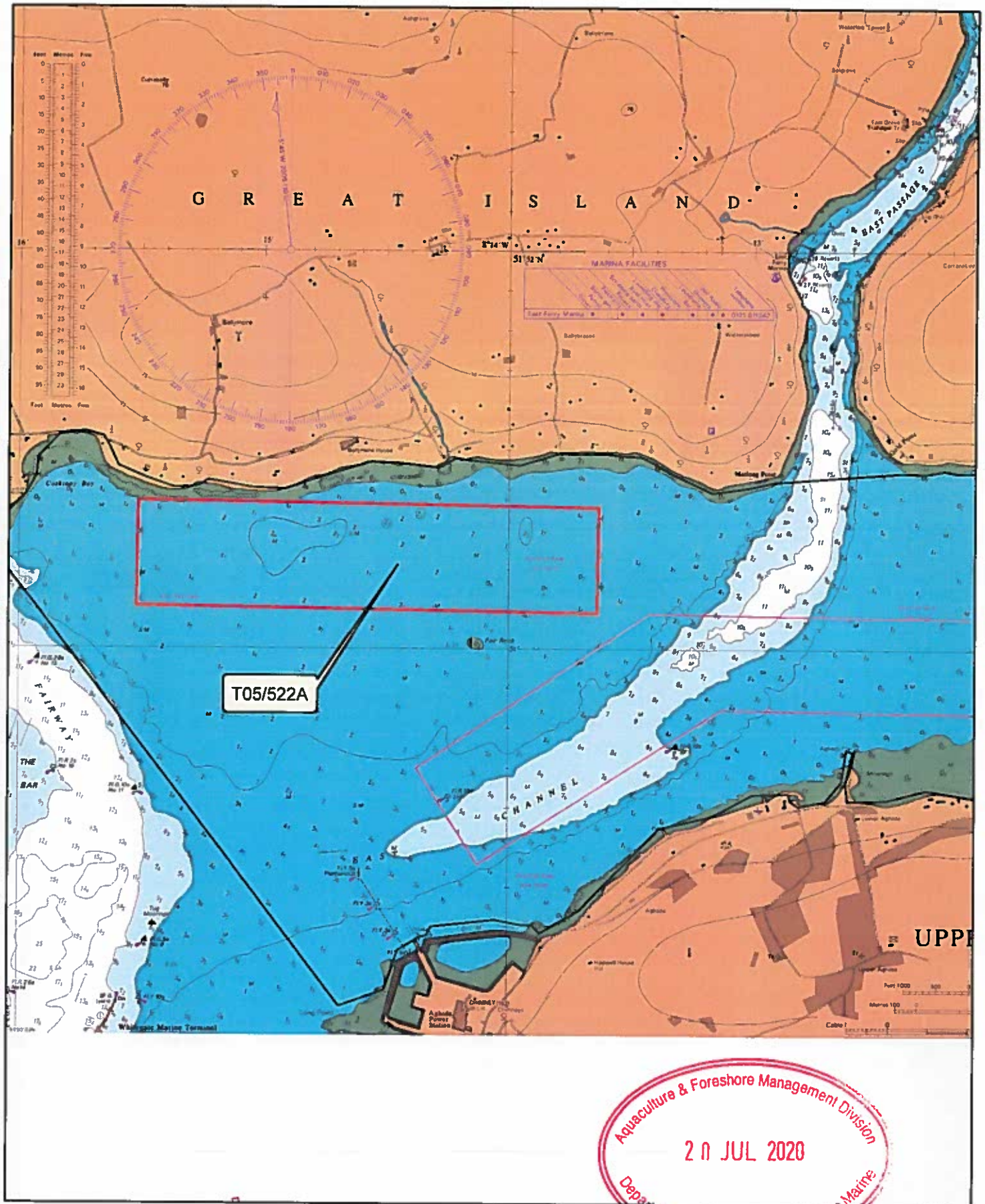
Only the existing licence holder(s) can apply for the renewal/review of an Aquaculture Licence.

*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
P85 TX47**



1:24,000

Sites highlighted in red denotes Application

Part of Admiralty Chart No =1773-2
Not to be used for Navigation

Legend
Site_Status

 Application
 Licensed

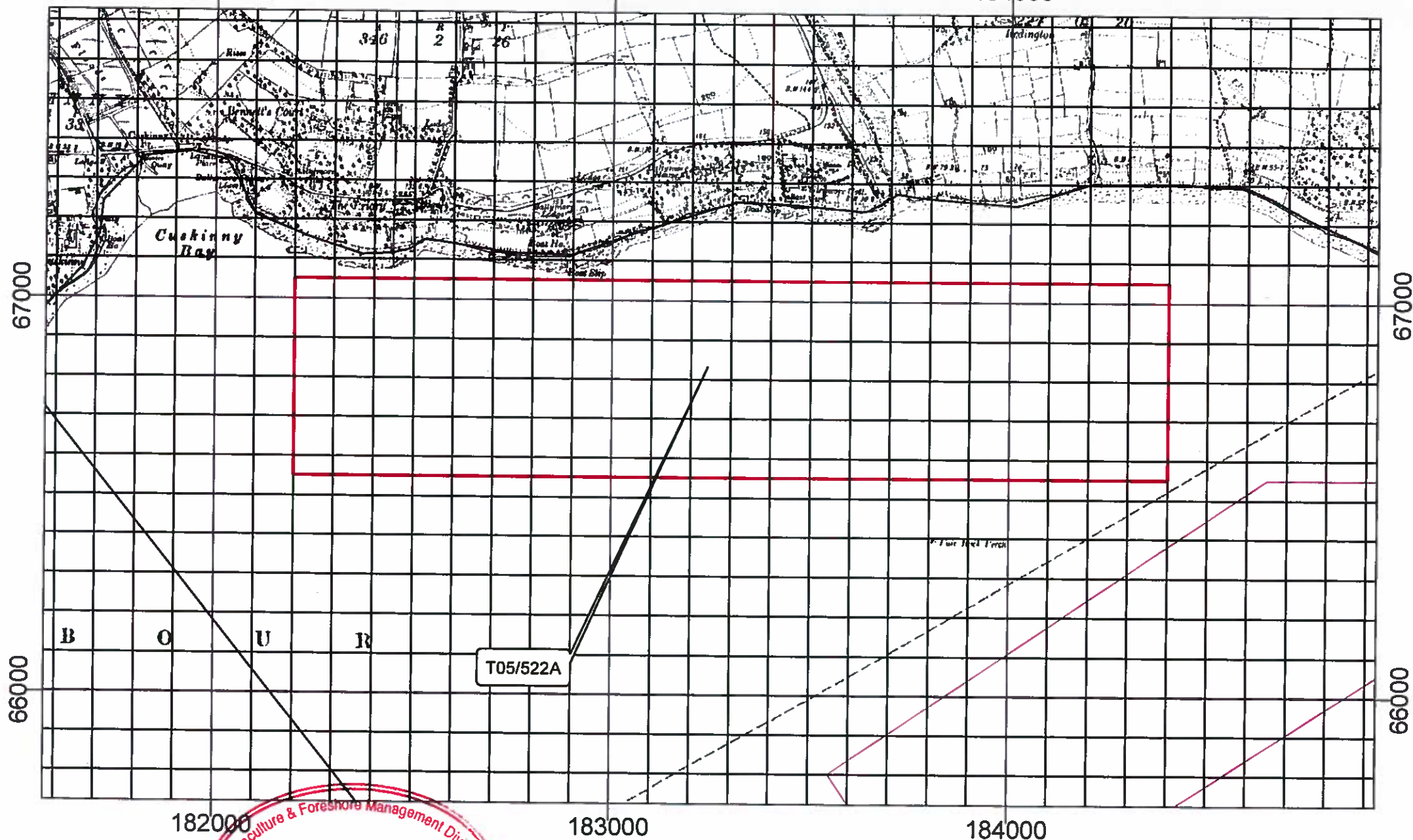


An Roinn Talmhaíochta,
Bia agus Mara
Department of Agriculture,
Food and the Marine

182000

183000

184000



Legend
 Site_Status
 Application
 Licensed



1:12,500

Sites highlighted in red denotes Application

Ordnance Survey Ireland Licence No. EN 0076419

© Ordnance Survey Ireland/Government of Ireland



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

1 NO. SITE AT CORK HARBOUR CO.CORK

Co-ordinates & Area

Site T06/522A (110 Ha)

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

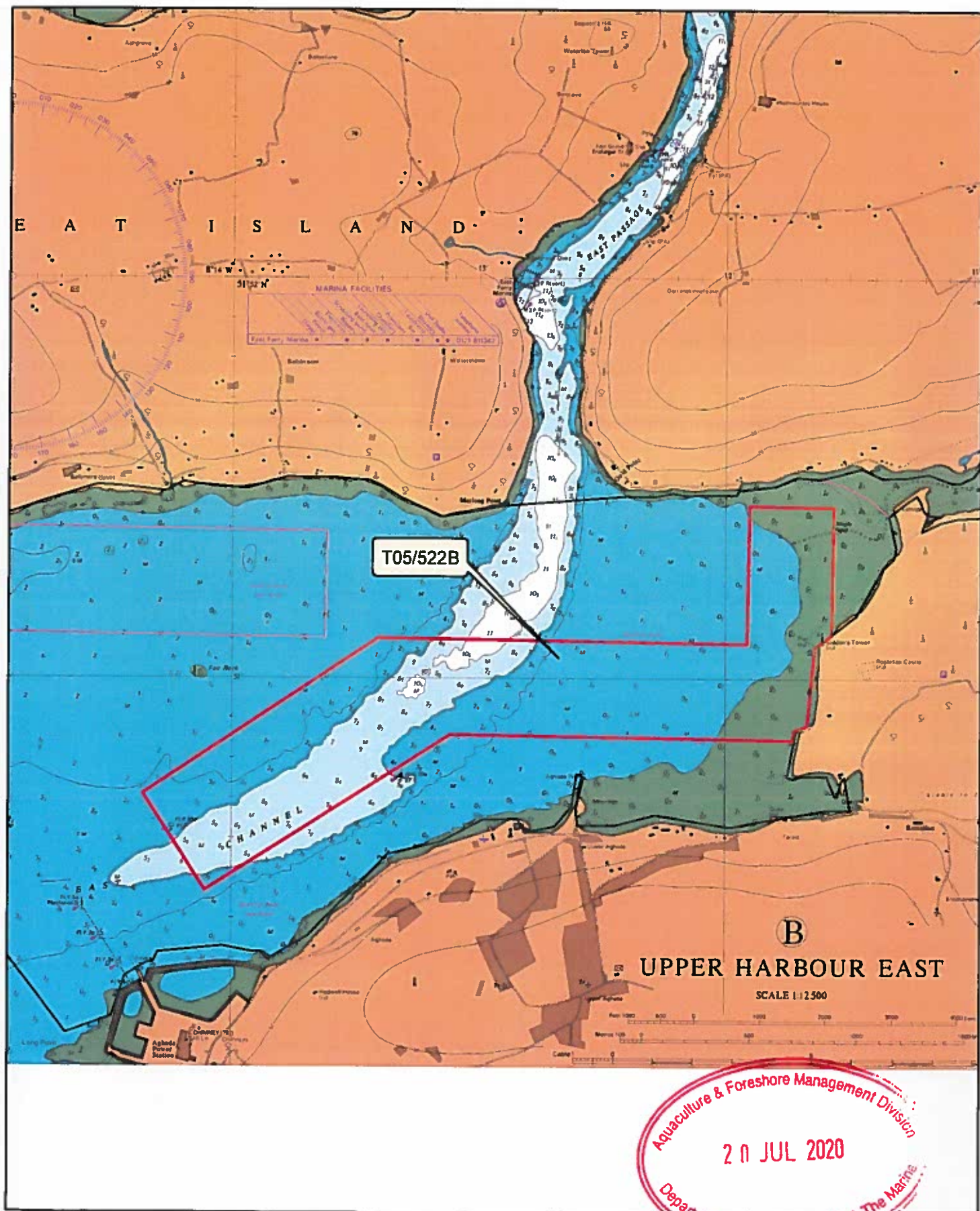
182200, 067050 to Irish National Grid Reference point

184400, 067050 to Irish National Grid Reference point

184400, 066550 to Irish National Grid Reference point

182200, 066550 to the first mentioned point.





1:24,000

Sites highlighted in red denotes Application

Part of Admiralty Chart No =1773-2
Not to be used for Navigation

Legend
Site_Status

Application
Licensed



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

185000

86000

187000

T05/522B

67000

67000

66000

66000

184000

185000

186000

187000

Legend

100mgrid	
Site_Status	
Application	
Licensed	



1:15,000

Sites highlighted in red denotes Application

Ordnance Survey Ireland Licence No. EN 0076419

© Ordnance Survey Ireland/Government of Ireland



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

1 NO. SITE AT CORK HARBOUR CO.CORK

Co-ordinates & Area

Site T06/522B (185.05 Ha)

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

186400, 067200 to Irish National Grid Reference point
186800, 067200 to Irish National Grid Reference point
186800, 066600 to Irish National Grid Reference point
186723, 066538 to Irish National Grid Reference point
186690, 066170 to Irish National Grid Reference point
186630, 066147 to Irish National Grid Reference point
186620, 066100 to Irish National Grid Reference point
185000, 066100 to Irish National Grid Reference point
183850, 065350 to Irish National Grid Reference point
183550, 065800 to Irish National Grid Reference point
184650, 066550 to Irish National Grid Reference point
186400, 066550 to the first mentioned point.

