

AQUACULTURE AND FORESHORE LICENSING 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. T4/113

Date of receipt, (Dept. Stamp):

14 NOV 2007

PART 1: PRELIMINARY DETAILS

Name(s) of Applicant(s) in full:	
1.A <u>Frank Verwij's, TAFSH (DUNMOCK EAST) LTD</u>	
1.B	
Address(es) of Applicant(s) in full:	
1.A <u>THE HARBOUR</u>	1.B
<u>DUNMOCK EAST</u>	
<u>CO WATERFORD</u>	
Tel: <u>[REDACTED]</u>	Tel: Fax:

1.C TYPE OF APPLICATION

Indicate the relevant type of application:

Insert X in relevant box

- | | |
|---|-------------------------------------|
| -(i) Aquaculture Licence | <input type="checkbox"/> |
| -(ii) Trial Licence | <input type="checkbox"/> |
| -(iii) Review of Aquaculture Licence | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> (iv) Renewal of Aquaculture Licence <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| -(v) Foreshore Licence | <input type="checkbox"/> |

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

1.D TYPE OF AQUACULTURE

Indicate the relevant type of application:

- | | |
|--------------------|-------------------------------------|
| -(i) Land-based | <input type="checkbox"/> |
| -(ii) Marine-based | <input type="checkbox"/> |
| -Shellfish | |
| (iii) - extensive | <input checked="" type="checkbox"/> |
| (iv) - intensive | <input type="checkbox"/> |
| -(v) Finfish | <input type="checkbox"/> |

1.E 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) *OBLIGATORY*
- (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 *OBLIGATORY*
- (7) - Water Quality Analysis Report (required for Land-based sites only)
- (8) - Application Fee *OBLIGATORY*
- (9) - Other (specify):

☐☐☒☒☒☒☒☐

PART 2: DETAILS RELATING TO PROPOSED AQUACULTURE PROJECT

2.A Employment, Qualifications, Experience, Etc.

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

SEE ADDENDUM

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

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

SEE ADDENDUM

(iv) Projected employment (number of persons): *Factory Employment AT PRESENT*

Year 1:	19	Year 2:	19	Year 3:	19	Year 4:	19
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Agriculture 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:

N/A

(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:

N/A

(iv) Tonnage to be produced:

Year 1:		Year 2:		Year 3:		Year 4:	
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(v) Proposed source of stock:

N/A

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

N/A

(vii) Estimate drought flow in gallons per minute:

N/A

(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?

N/A

(ix) Area of proposed site (hectares):

N/A

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

N/A

(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?

YES

☐

NO

☐

(xii) If yes, supply details:

N/A

Land-based Site (continued)

2.D 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: Waterford Estuary

- (ii) County: Co. Waterford

(iii) ~~GS Map No:~~ MAPS AREA: BROOMHILL / DOLLAR BAY + CRADEN HEAD / KNOCKAVELISIT

(iv) Size (hectares): _____

— (v) Species (to be specified): BLUE MUSSELS / MYTILUS EDULIS

- 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 Culture

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

(viii) If cages or tanks are proposed, state: "NO STRUCTURES"

- (a) Number: N/A

- (b) Type and shape: N/A

- (c) Cubic capacity: N/A

- (d) Depth: N/A

(ix) Proposed specific site locations (with reasons): N/A

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

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: Boat will operate to the standard's set by the Marine Surveyors Office. All shellfish will be tested to DoH standards for placing live Bivalves on the market for human consumption.

✓ 2.H Tonnage to be produced: Blue Mussels (Mytilus Edulis)

Species	Year 1:	Year 2:	Year 3:	Year 4:
(To state)				
SITE 1 (CREADAN BAY) (Knockavish)	680 TON.	680 TON.	1020 TON	1020 TON
SITE 2 (Broom-Hill) (DOLLAR BAY)	1020 TON.	1020 TON	1530 TON	1530 TON

* DETAILED Addendum of ABOVE ATTACHED *

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

SEE Addendum.

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.

N/A.

✓ 2.K Trial Licence.

(To be completed if appropriate)

Describe experimental or investigative nature of the proposed project:

SEE ADDENDUM.

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

B. MARKETING (continued)

3. Will the product be processed or packaged?

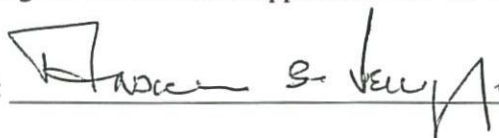
^{BOTH}
YES ☐ NO ☐

4. If yes, give details: Mussels will be depurated, graded and packed
IN Bulk 10-15kg JUTE Bag plus wrap.

Packed in 1.2-1.5kg plastic Fresh pack trays with
8-11 days shelf life for the domestic and export markets

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 € 63.49 - with this application.

Signature(s) of Applicant(s):



Date:

31-10-2007

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

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

Aquaculture Licensing
Coastal Zone Management Division
Department of Communications, Marine and Natural Resources
Leeson Lane
Dublin 2



IRFISH

The Harbour, Dunmore East
Co. Waterford, Ireland

AQUACULTURE LICENSE APPLICATION

2A (1&2) - EMPLOYMENT QUALIFICATIONS, EXPERIENCE AND OTHER RELEVANT EXPERIENCE

THE VERWIJS FAMILY ARRIVED IN IRELAND IN 1962 AT THE INVITATION OF HANLONS TO START FARMING OF NATIVE OYSTERS (OSTREA EDULIS) IN IRELAND. THIS PROJECT WAS ABANDONED DUE TO INABILITY OF BEING ALLOWED TO COLLECT SPATFALL FROM THE NATIVE BEDS AND BEING UNABLE TO GET PROTECTION OVER RELAYING GROUNDS.

SUBSEQUENTLY IRFISH LTD WAS FORMED AND STARTED OPERATION IN GREYSTONES IN 1967 WITH PROCESSING QUEEN SCALLOPS FROM THE KISH BANK. OTHER PRODUCTS WERE PRAWNTAILS, PRAWNMEATS, SCALLOPS, WHELKS, CRAB, HERRING ETC..

OPERATIONS IN GREYSTONES HAD TO CEASE DUE TO DEVELOPMENT OF RESIDENTIAL AND COMMERCIAL PREMISES AROUND OUR FACTORY, WHICH FACTORY WAS DEEMED NOT TO BE SUITABLE ANY MORE FOR THE AREA IN THE 90'S.

IN ORDER TO AVOID HAVING A SIMILAR EXPERIENCE AT SOME TIME IN THE FUTURE, IT WAS DECIDED TO RE-LOCATE IN DUNMORE EAST, THIS BEING ONE OF THE 5 DESIGNATED FISHERY HARBOURS IN IRELAND AND IRFISH BEING THE ONLY OPERATIONAL SEAFISH / SHELLFISH PRODUCTION PLANT ON THE HARBOUR, WITH FRESHING, COOKING, SMOKING AND FREEZING FACILITIES.

NOW WITH WHOLE PRAWNS, KING SCALLOPS, WHELKS AND CRAB DIMINISHING IN SUPPLY, IRFISH HAVING FAMILY KNOWLEDGE, IN THE REALYING OF FLAT AND GIGAS OYSTERS, TURN THEIR EXPERIENCE TO THE BOTTOM CULTURE MUSSEL, AS A SUSTAINABLE SOURCE OF SUPPLY TO ITS PRODUCTION FACILITY IN DUNMORE EAST.

IT WAS DEEMED PRUDENT NOT ONLY WITH THE CAPITAL INVESTMENT IT MAKES IN MUSSEL PRODUCTION MACHINERY FOR "A FRESH PAN READY MUSSEL" FOR THE EXPORT MARKET, BUT ALSO TO OBTAIN ITS OWN GROWING GROUND IN CLOSE PROXIMITY TO THE PRODUCTION PLANT, FOR THE RELAYING OF MUSSEL SEED FOR FURTHER GROWING BUT ALSO FOR THE "WET WAREHOUSING" OF MATURE MUSSELS PURCHASED FROM EXISTING GROWERS AROUND THE COUNTRY SO AS AGAIN TO FULFILL THE NEEDS OF THE PRODUCTION FACILITY.



IRFISH

The Harbour, Dunmore East
Co. Waterford, Ireland

IRFISH SEE VAST ROOM FOR EXPANSION AND A GREATER RETURN IN VALUE, IN THE EXPORT OF INDIGENOUS "FRESH PAN READY MUSSEL" IN MODIFIED ATMOSPHERIC PACKAGING AND 15 KG JUTE BAG FOR THE WHOLESALE/RETAIL CUSTOMER.

OTHER THAN THE PRESENT NORM, OF EXPORTING BULK UNPROCESSED 1 TONNE BAGS OF MUSSELS TO PRODUCTION PLANTS OUTSIDE OF THE COUNTRY.

IRFISH LTD ALONG WITH THE LIFE LONG EXPERIENCE OF THE BATES FAMILY, HAVE JOINED HANDS & SUCCESSFULLY, APPLIED FOR SOME 47 HECTARES, OF A TRIAL LICENCE AT THE MOUTH OF THE WATERFORD ESTUARY. FOR THE WHOLE PURPOSE OF RELAYING & FARMING BOTTOM MUSSELS, THE FRUIT OF WHICH AS OUTLINED ABOVE WILL BE PROCESSED AT THE FACTORY PREMISES ON THE DUNMORE EAST FISHERY HARBOUR



IRFISH

The Harbour, Dunmore East
Co. Waterford, Ireland

AQUACULTURE LICENSE APPLICATION

2A (3) – PROJECTED EMPLOYMENT CREATION DURING 1ST 4 YEARS

PRESENT EMPLOYMENT TO DATE – 21 FULL TIME STAFF ENGAGED IN THE PRODUCTION AND EXPORT OF IDIGENOUS CRUSTACEANS, SEAFISH AND FRESH WATER FISH

PROJECTED EMPLOYMENT

YEAR 1 – SUSTAIN EXISTING FACTORY JOBS (21)

RE : AQUACULTURE : 3 EXTRA ON BOAT (SKIPPER & 2 CREW)

YEAR 2 – SUSTAIN EXISTING FACTORY JOBS (21)

RE : AQUACULTURE (1 SKIPPER & 2 CREW)

I EXPECT TO HAVE BUILT UP AN INCREASE IN CONSUMPTION OF CLEAN DEPURATED FRESH PACKED MUSSELS FOR THE RETAIL WHOLESALE TRADE IN IRELAND

YEAR 3 – INCREASE FACTORY STAFF TO 25 FACTORY OPERATIVES

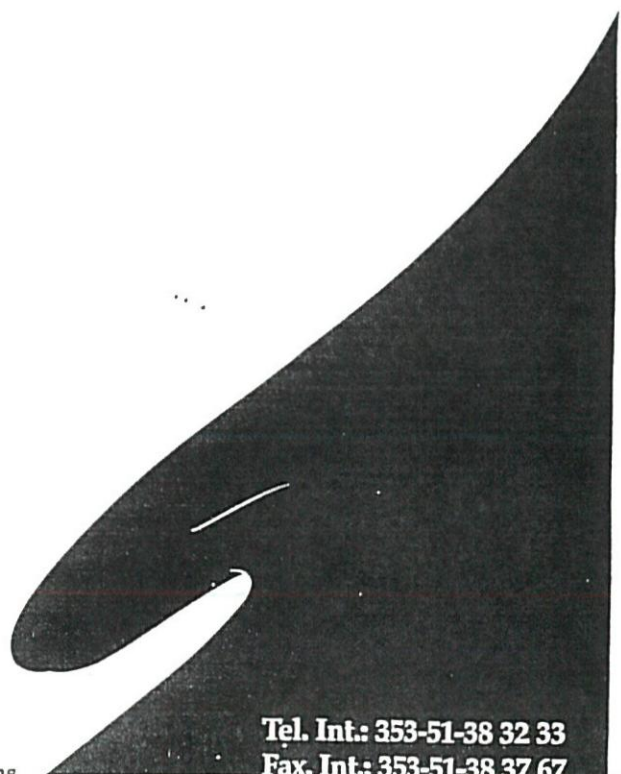
RE : AQUACULTURE (1 SKIPPER & 2 CREW)

IN YEAR 3 BUILDING UP SALES IN THE UK MARKET TO PROMOTE DEPURATED FRESH IRISH MUSSELS FROM THE CLEAN IRISH WATERS

YEAR 4 – FACTORY OPERATIVES TO 30

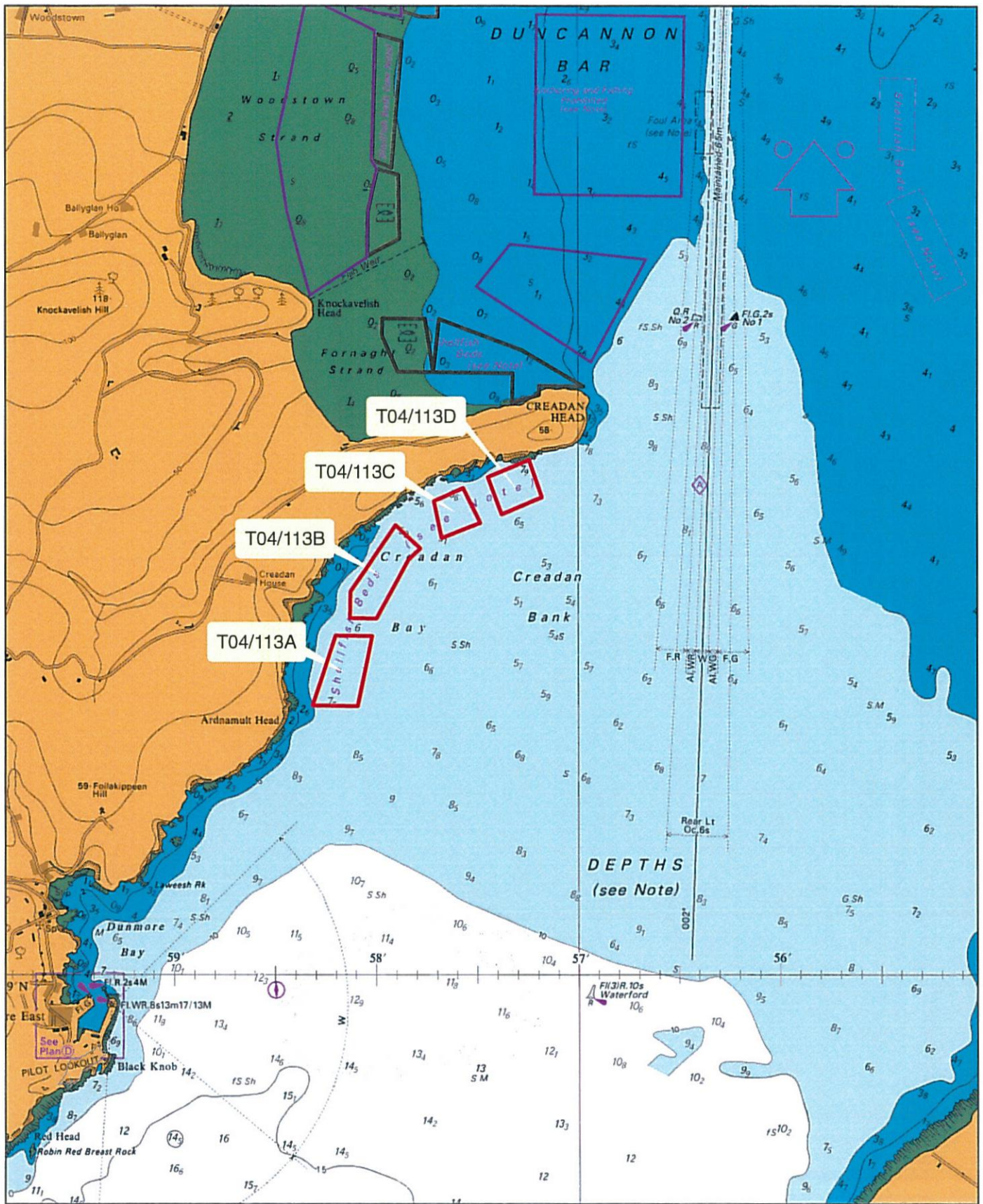
RE : AQUACULTURE (1 SKIPPER & 2 CREW)

THE INCREASE IN OPERATIVES IN YEAR 4 IS NEEDED WITH THE INCREASE IN THROUGHPUT OF FRESH DEPURATED MUSSELS FOR THE DOMESTIC AND EXPORT MARKETS IN TANDUM WITH THE EXISTING FACTORY PRODUCTION OF CRAB, SCALLOPS, WHOLE PRAWNS, WHELKS AND FRESH FISH



Tel. Int.: 353-51-38 32 33

Fax. Int.: 353-51-38 37 67



Aqua Culture Sites

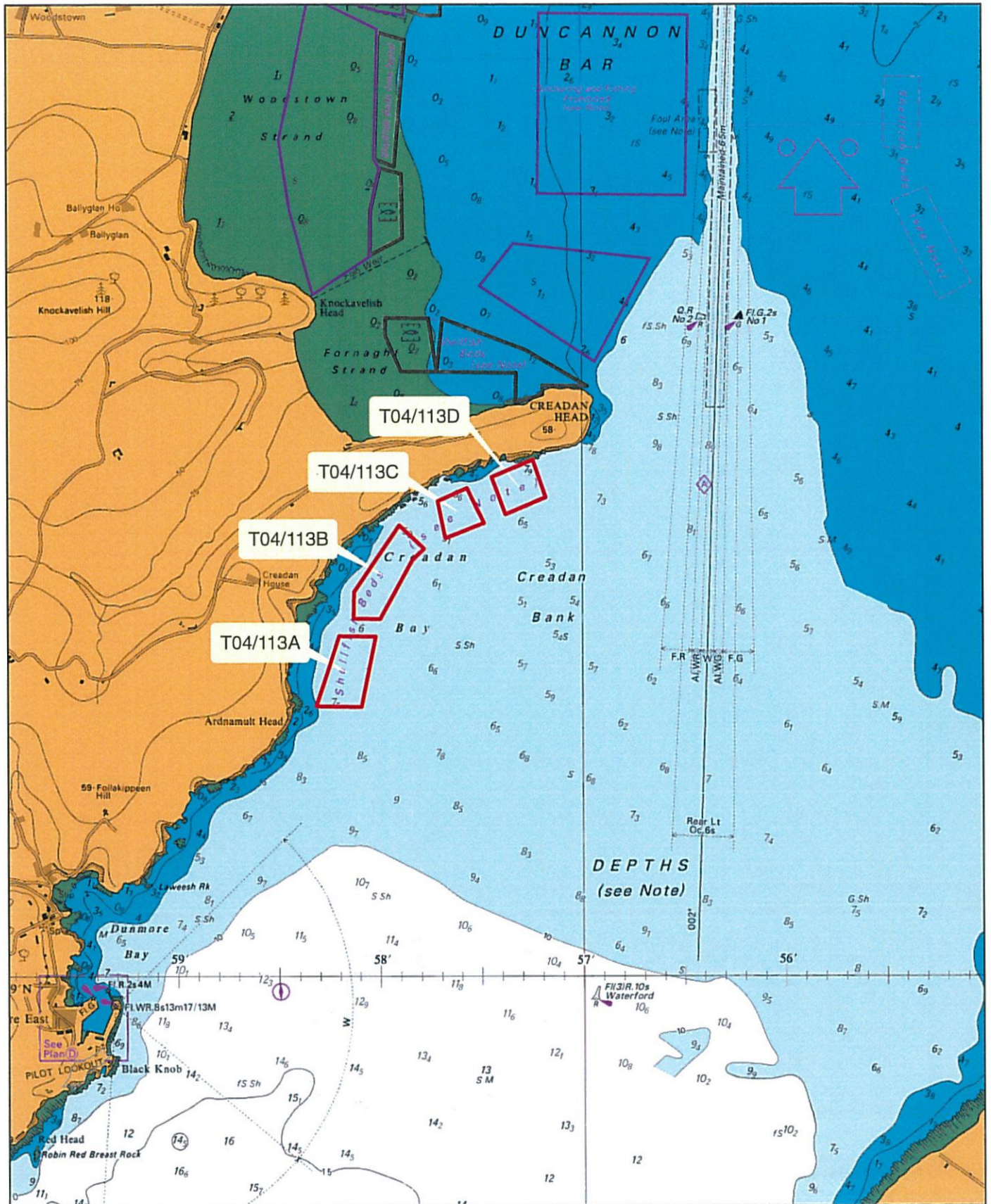
Site Status

- Application
- Application Lapsed
- Application Refused
- Application Renewal
- Application Withdrawn
- License Altered
- License Revoked
- License Surrendered
- Licensed
- Unknown
- Unlicensed

1:30,000

Site Highlighted in red denotes application

Part of Admiralty Chart No. 2046-0
Not to be used for Navigation.



Aqua Culture Sites

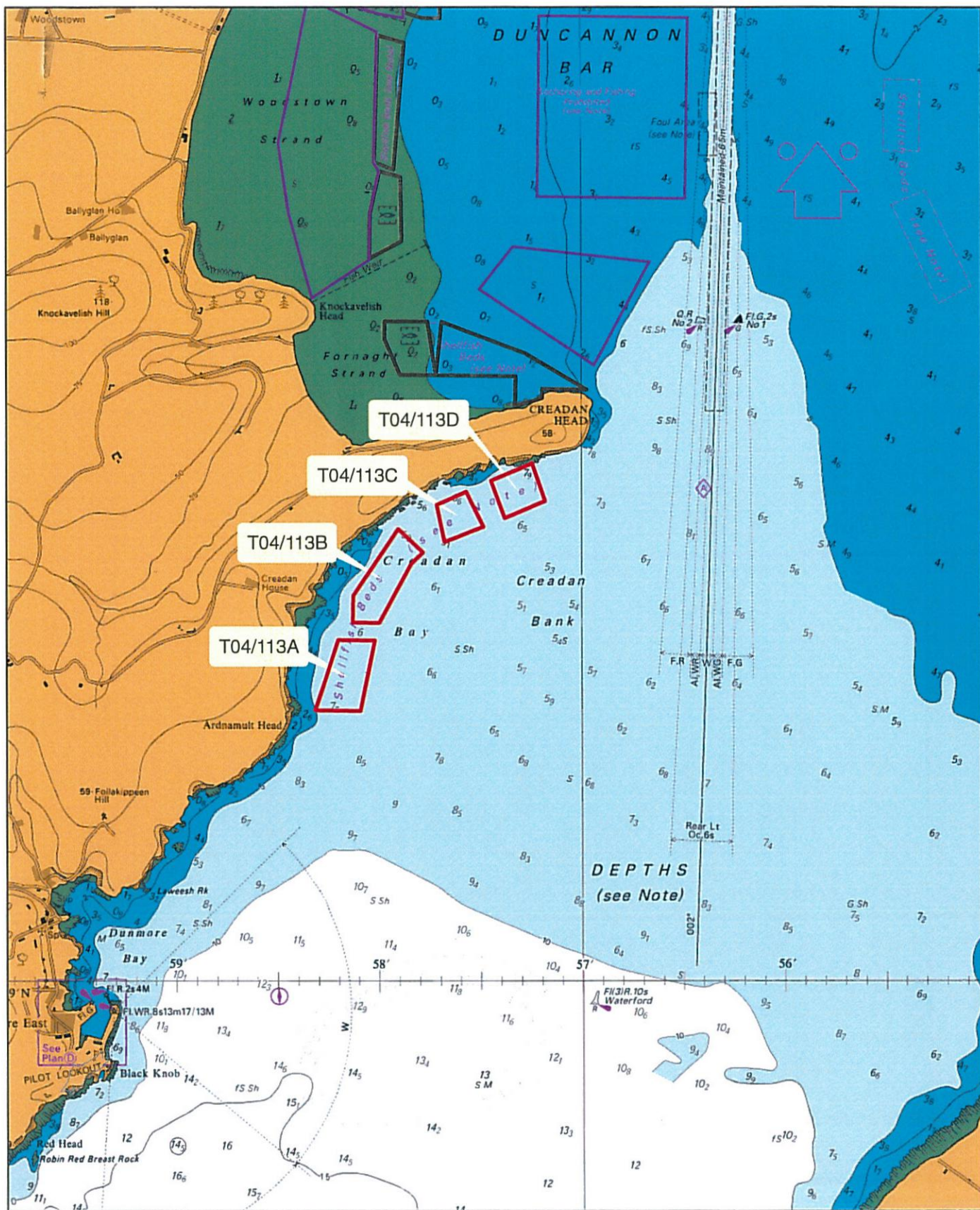
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Aqua Culture Sites

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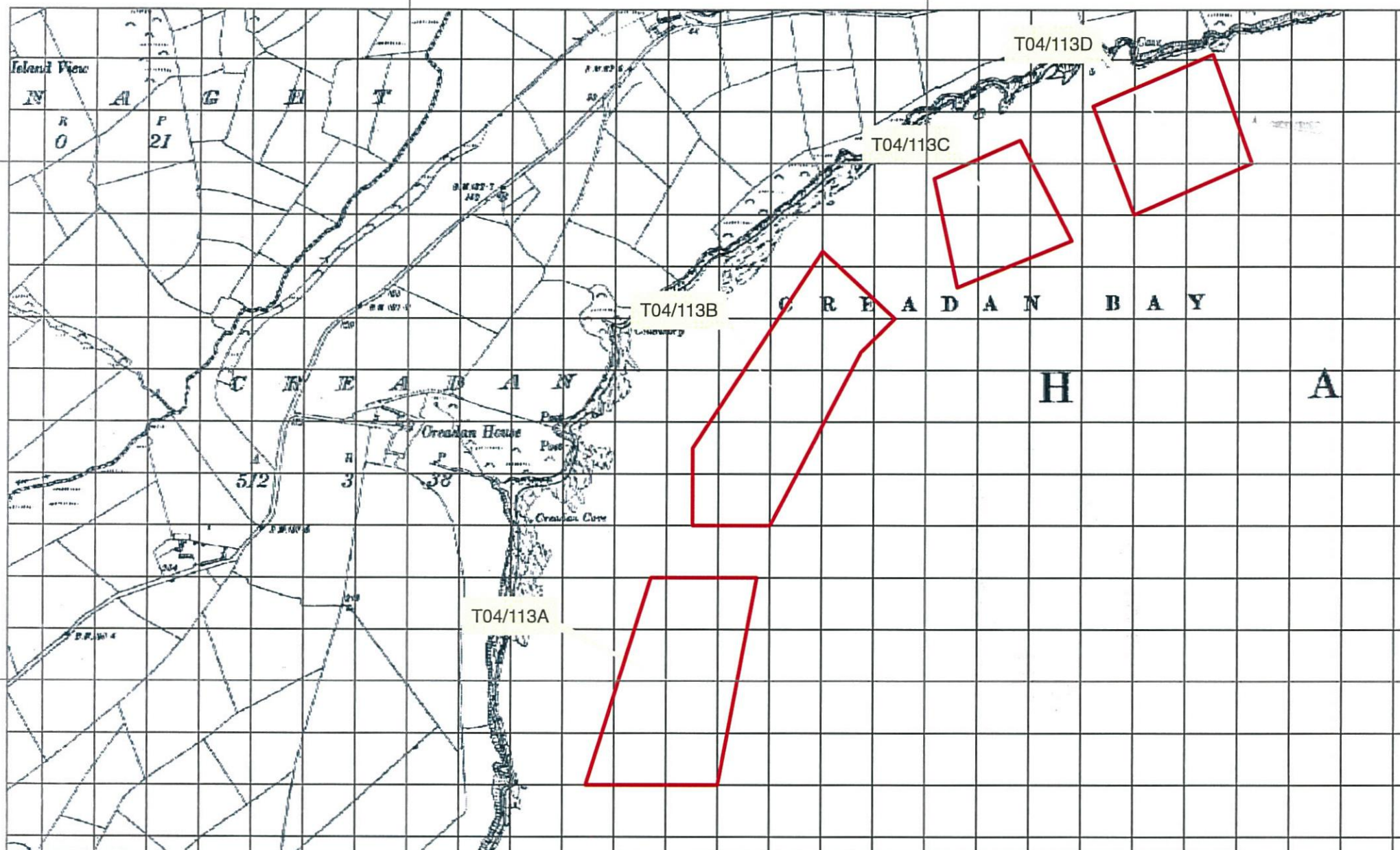
Part of Admiralty Chart No. 2046-0
Not to be used for Navigation.

103000

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270000

1:10,000

271000

Aqua Culture Sites

Site_Status

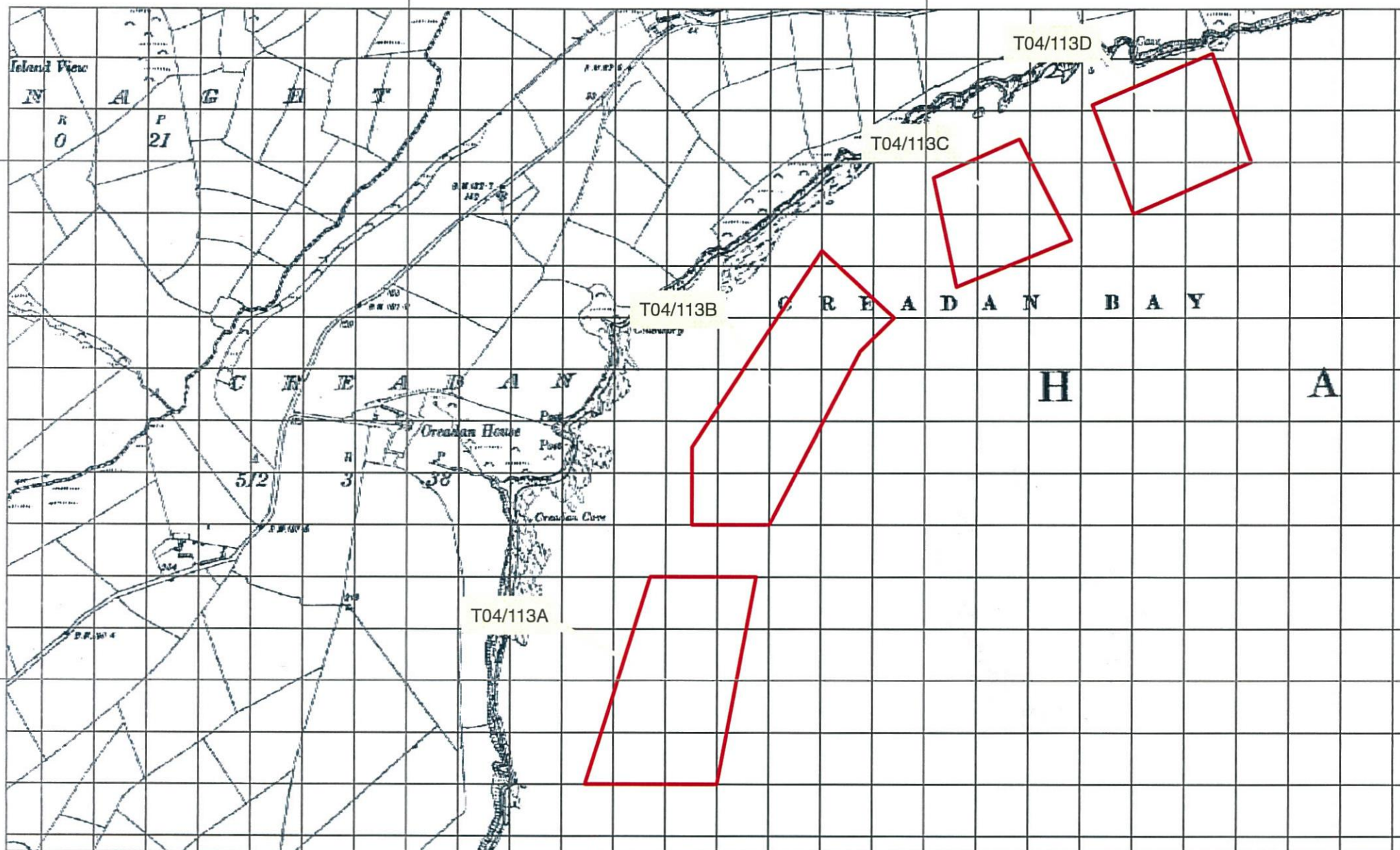
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- Application Lapsed
- Application Refused
- Application Renewal
- Application Withdrawn
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- License Revoked
- License Surrendered
- Licensed
- Unknown
- Unlicensed
- 100 Meter Reference Grid

Site Highlighted in red denotes application

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103000

103000



270000

1:10,000

271000

Aqua Culture Sites

Site Status	
Application	
Application Lapsed	
Application Refused	
Application Renewal	
Application Withdrawn	
License Altered	
License Revoked	
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100 Meter Reference Grid	

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1 NO. SITE AT WATERFORD HARBOUR CO.WATERFORD

Co-ordinates & Area

Site T04/113A (9.2 Ha)

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

270470, 102200 to Irish National Grid Reference point
270675, 102200 to Irish National Grid Reference point
270600, 101800 to Irish National Grid Reference point
270345, 101800 to the first mentioned point.

1 NO. SITE AT WATERFORD HARBOUR CO.WATERFORD

Co-ordinates & Area

Site T04/113B (9.7 Ha)

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

270800, 102830 to Irish National Grid Reference point
270940, 102700 to Irish National Grid Reference point
270875, 102635 to Irish National Grid Reference point
270700, 102300 to Irish National Grid Reference point
270550, 102300 to Irish National Grid Reference point
270550, 102450 to the first mentioned point.



1 NO. SITE AT WATERFORD HARBOUR CO.WATERFORD

Co-ordinates & Area

Site T04/113C (4.5 Ha)

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

271180, 103045 to Irish National Grid Reference point
271280, 102850 to Irish National Grid Reference point
271060, 102760 to Irish National Grid Reference point
271015, 102970 to the first mentioned point.



1 NO. SITE AT WATERFORD HARBOUR CO.WATERFORD

Co-ordinates & Area

Site T04/113D (5.6 Ha)

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

271550, 103210 to Irish National Grid Reference point
271625, 103000 to Irish National Grid Reference point
271400, 102900 to Irish National Grid Reference point
271320, 103110 to the first mentioned point.

