

Jacqueline Anne



JACQUELINE ANNE

New Jacqueline Anne for Fraserburgh Family

FACT FILE

NAME: MFV JACQUELINE ANNE
 REGISTRATION: FR243
 HOME PORT: FRASERBURGH
 SKIPPER: ADAM TAIT
 CREW: CAN ACCOMMODATE 8
 YARD: MACDUFF SHIPYARDS LIMITED
 DESIGNER: MACDUFF SHIP DESIGN
 TYPE: TWIN RIGGER
 LENGTH: 24.50 METRES
 REGISTERED, 22.78 M OVERALL
 BEAM: 7.6M
 DRAUGHT: 4.30M
 HOLD CAPACITY: 700 BOXES

Macduff Shipyards Limited have recently signed over their latest new build, JACQUELINE ANNE - FR243, to owner Adam Tait and his two sons Adam and Jonathan. This new build replaces their previous fishing vessel of the same name, which was built by the yard only seven years ago in 2013 and is intended to fish around the coast of Scotland, predominately in the North Sea.

Jacqueline Anne shares the same hull form as the Crystal Sea which was handed over earlier in the year and features a hull form developed by Macduff Ship Design which evolved from the yards previous 24.00 m model with modifications made to reduce hull resistance and improve fuel efficiency.

CFD technology was used at the early stage to measure the resistance of the proposed new hull against the previous design and to identify areas where further improvements could be made.

Following this the hull form was finalised and faired virtually by Macduff Ship Design who then produced a detailed set of kit construction plans and produced the stability data upon completion of the build.

The steel kit was cut in house by Macduff Profilers, a division of the yard, and the vessel was fabricated between the yards two sites with the steel modules being fabricated in Macduff and then shipped to Buckie where the hull was assembled, engineered and fully fitted before carrying

out sea and fishing in the Moray Firth.

The hull of Jacqueline Anne is built completely from steel, apart from the wheelhouse and masts, and features a double chine hull form, transom stern and soft nose bulbous bow which is faired gently into the main hull body.

Below deck features the cabins, engine room, fish hold and a large freshwater tank forward of the collision bulkhead. Above deck is situated the aft shelter, galley/mess and side passage area, fish processing area and then a winch room forward where three split winches are sited.

The working deck has been significantly rearranged to suit the owner's requirements and features

a dry locker, hold unloading hatch, hold access stairwell and refrigeration plant room all to the port side which creates a large hatch free fish processing area on the vessel's centreline and the standard hopper and tray sorting arrangement on the starboard side.

Propulsion power is provided by a Caterpillar C32 main engine developing 750 hp @ 1800rpm supplied by Finning Power Systems which is freshwater cooled via a box cooler provided by Blokland. The flexibility of the C32 main engine which allows for full power to be developed between 1600-1800 rpm along with unlimited control of pitch inherent with CPP systems provides the vessel with a very large degree of control.



“The **Macduff team** have been delighted to work with the **Tait family** and crew of the **Jacqueline Anne.**”

It has been a fantastic project for the yard, we are very grateful for the order and hope the vessel serves them well for many years.”



The Jacqueline Anne's high specification electronics package was supplied and fitted onboard by Woodsons Marine Electronics Limited of Aberdeen.



Radio-Telephones

1 JRC JSS-2150 150W
GMDSS MF/HF SSB
2 Sailor 6210 VHF c/w
1 Icom M330 VHF with DSC c/w

1 Jotron Class A AIS c/w
GPS/GPS Gyro

2 Furuno GP39 GPS receiver c/w

1 Comnav GPS Gyro

Echo-Sounder

1 JRC JFC-180BB Digital
Broadband Echosounder

Navigation

1 Olex 3D seabed mapping system

1 Sodena Easywin plotting system

Radar

1 JRC JMA-5206 radar
1 JRC JMA-5410 radar c/w

Wind sensor

1 ultrasonic wind speed and direction sensor

Talk-Back

1 Phontech 3100 5 way system talkback

Auto Pilot

1 Navitron NT921MKII
CCTV

1 CCTV System c/w 21 cameras

Satellite television

1 e-SEA 60 Satellite TV system c/w

Satellite Communications

1 eSEA 60Ka INTERNET communications system

Emergency

1 Jotron TRON 60GPS
1 Entel HT649 GMDSS Hand Held VHF

1 JRC NCR333 NAVTEX

Monitors

1 Quad View Video Wall with integrated control system

3 55" 4K Bridge Monitors
5 Neovo X24 series wide screen

Marine scales

1 VCU Catch Management and fish weighing system

Net monitoring system

1 Simrad PX twin rig Geometry system

A hydraulically powered bow thruster is also fitted with 2235 kg of thrust supplied by Kort Propulsion. Breaking away from the norm, the propulsion packages features a large 2.7 m controllable pitch propeller, supplied by Helseth A/S, driven by a Kumera K-CPP-450 2 step gearbox with 12.3:1 reduction.

This was demonstrated on sea trials where vessel excelled in control at low-speed operations such as manoeuvring in the harbour whilst also being able to optimise the engine rpm and propeller pitch combinations for both trawling and steaming to achieve maximum efficiency.

An average top speed of 10.7 knots was recorded whilst a more economical speed of 9.2 knots at 50% engine load was observed during steaming to the fishing grounds.

A unique deck machinery package was fabricated by the yard for the Jacqueline Anne comprising of three split winches, two split net drums, two sweep/bagging winches, two small gear handling winches, cod end lifting winch and a dedicated anchor windlass. The hydraulic system was also designed and installed by the yard and is a load sensing system with the main hydraulic control valves fitted in the engine room.

The MFB8 landing crane was supplied by Thistle Marine and features a slew ring base along with a radio remote control. The BK13 power block crane was also supplied by Thistle Marine and features a slew ring base and is fitted with a small winch to assist with general lifting duties.

Primary hydraulic power is provided by two Danfoss hydraulic pumps driven from the main propulsion gearbox and secondary hydraulic power is provided by two electric/hydraulic motor sets provided by R.D. Downie, each with an output of 45 kW.

Electrical power onboard is provided by two Caterpillar C7.1 generator sets each with a rating

of 118 kW and are arranged for freshwater cooling via a set of box coolers supplied by Blokland. The system is designed so if required both generators can be run simultaneously which gives opportunity to power both the ships general systems and both the electrically driven hydraulic pumps sets at the same time. A small harbour set is also fitted of 33 kVA rating and is contained within a silenced acoustic housing to reduce noise levels when the vessel is berthed.

The electrical systems onboard were designed and fitted by R.D. Downie who also provided a large central switchboard along with all the pump and motor starters. In addition to this R.D. Downie also provided the fire, bilge and gas alarm systems onboard along with the navigation light panel and assisted with the installation of the navigation equipment.

The high specification navigation package was supplied and fitted onboard by Woodsons Marine Electronics Limited of Aberdeen.



THISTLE GROUP



Wishing the Tait Family & Crew many years of safe & successful fishing on the Jacqueline Anne

5 Baltic Place, Peterhead, Scotland, AB42 1TF

E: sales@thistlemarine.co.uk, W: www.thistlegroup.co.uk, T: +44 (0)1779 477210

1 Million Boxes Of Whitefish Landed At Peterhead In 2020



Peterhead Fish Market reached the milestone in late November, on a day when 6,458 boxes of fish were sold.

The milestone was achieved in Week 47 of 2020, although for obvious reason it took considerably longer this year in comparison with 2019, when it was achieved in Week 40 and in 2018 at Week 38.

The fishing vessel, Aalskere K377, consigned the millionth box in a 900 box landing of whitefish from Ullapool on the west coast of Scotland on 17 November.

Challenges were faced and met each week to ensure that Peterhead Fish Market remained the focal point of whitefish landings in the UK and Europe. The initial COVID restriction measures included the reduction of the daily market capacity from 10,000 to 5,000 boxes.

This was to facilitate the space required for social distance and proved successful, allowing for a slightly increased capacity of 6,500 boxes to be introduced some weeks later. Fish landing volumes leveled out following the initial uncertainty of COVID, however both landing volumes and prices have remained at surprisingly buoyant levels.

Peterhead Fish Market installed a thermal imaging temperature scanner linked to an electronic gate. It allows access within two-seconds to anyone whose core body temperature is in the normal range and who is wearing a face mask.

PPE Chief Executive Simon Brebner said, "This was an additional precaution in the fight to protect the fish market and its users from the effects of COVID and to ensure continuity of the services provided."

"It's a testament to the dedication and commitment of the entire seafood sector that this vital link in the seafood chain remain operational during the COVID-19 pandemic.

PUBLIC NOTICE OF APPLICATION FOR A FORESHORE CONSENT

Dublin Port Company, MP2 Project

Notice is hereby given pursuant to Section 19A of the Foreshore Act 1933 (as amended), that **Dublin Port Company**, Dublin Port Centre, Alexandra Road, Dublin 1, D01 H4C6 has applied for consent under the Foreshore Acts to occupy an area of foreshore for the MP2 Project for the purpose of constructing of a new Ro-Ro Jetty (Berth 53), re-orientating the already consented Berth 52, lengthening of Berth 50A, redeveloping Oil Berth 3, constructing passenger terminal buildings and a heritage zone, dredging and ancillary site works at Dublin Port.

The attached map shows the location of the proposed works.

An Environmental Impact Assessment Report (EIAR) has been prepared in respect of this proposal. The foreshore application, EIAR, associated documents, all relevant maps, site plans and drawings may be inspected at the following locations:

Dublin Port Centre, Alexandra Road, Dublin 1, D01 H4C6 (Monday to Friday between the hours of 09.00 and 17.00). Due to Covid 19 restrictions an appointment is required. Appointments can be made by telephoning Reception at Dublin Port on 01 887600 or by e-mail: info@dublinport.ie, and The Planning Department of Dublin City Council at Civic Offices, Wood Quay, Dublin 8, D08 RF3F (Monday to Friday between the hours of 09.00 and 17.00). Due to Covid 19 restrictions an appointment is required. Appointments can be made by telephoning the Planning Department of Dublin City Council at 01-2222149 or email planning@dublincity.ie.

Provision has been made under the Health Act 1947 to allow people to travel beyond the 5km limit to attend these offices to engage in this foreshore public consultation process.

A hard copy of the Environmental Impact Assessment Report may be purchased from the applicant.

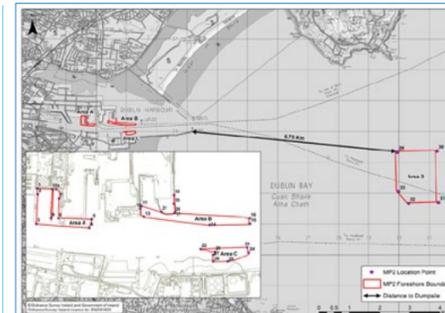
A Non-Technical Summary may be obtained free of charge. CDs / USB Memory Sticks that include the Environmental Impact Assessment Report, maps, site plans and drawings, and a copy of the foreshore application are available free of charge from the applicant at the address stated above or by emailing info@dublinport.ie

The application may also be viewed on the following dedicated website: <https://dublinportmp2foreshoreconsent.ie> and on the Department's website at: <https://www.housing.gov.ie/planning/foreshore/applications/dublin-port-company-mp2-project>

The Minister for Housing, Local Government and Heritage is responsible for making a decision on this application and he may either grant, approve or consent to the application with or without covenants, conditions or agreements, where applicable, or refuse the application. Section 19C of the Foreshore Act does not apply to this application.

Submissions, comments or questions in relation to the proposal may be made in writing within 8 weeks from the publication of this notice to the Minister for Housing, Local Government and Heritage at Foreshore Section, Department of Housing, Local Government and Heritage at Newtown Road, Wexford, Co. Wexford or by e-mail to foreshore@housing.gov.ie (Quoting Ref: FS 006893).

The closing date, making allowance for the Christmas period, for the receipt of written submissions, comments or questions is 17:30 on the 3rd day of February 2021.



Point	ITM Eastings (m)	ITM Northings (m)	ING Eastings (m)	ING Northings (m)	Area
1	719417.3	734532.2	319492.5	234506	Area A - Section 10 Consent
2	719421	734482.8	319496.1	234456.7	
3	719409.5	734235.4	319488.7	234209.2	
4	719861.2	734203.2	319936.5	234176.9	
5	719881.1	734273.8	319956.3	234247.6	
6	719596.5	734281.2	319671.6	234255	
7	719604.4	734448.4	319679.6	234422.2	
8	719578.6	734525.3	319653.8	234499.2	
9	719533.7	734282.8	319608.9	234256.6	
10	719545.6	734526.6	319620.8	234500.5	
11	720306.8	734384.5	320382.2	234358.3	
12	720296.3	734363.3	320371.6	234337.1	
13	720327.3	734293.2	320402.7	234267	
14	720887	734227.7	320962.5	234201.5	
15	721230.1	734236	321305.7	234209.8	
16	721228.9	734282.5	321304.4	234256.3	
17	720589.3	734329.9	320664.7	234303.7	
18	720580.7	734475.9	320656.1	234449.7	
19	720578.8	734403.7	320654.1	234377.5	
20	720586	734328.2	320661.4	234302	
21	720473.3	734337.1	320548.7	234310.9	
22	720808.4	734024.9	320883.8	233998.7	
23	721205.8	734038.3	321281.4	234012.1	
24	721218.8	733996.5	321294.3	233970.2	
25	721038.1	733922.3	321113.6	233896	
26	720915.1	733921.6	320990.5	233895.3	
27	720914.7	733979.5	320990.2	233953.2	
28	720931.6	734000.9	321007.1	233974.6	
29	729872.7	733357.2	329950.1	233303.8	
30	731182.3	733393.1	331260	233366.8	
31	731228.4	731724.3	331306.1	231697.6	
32	730240.2	731697.1	330317.7	231670.4	
33	729907.6	732077.7	329985	232051.1	

Within 8 weeks from the publication of this notice, a copy of the application, the Environmental Impact Assessment Report and any other relevant report or information (including copies of any submissions, comments, or questions received by the appropriate Minister) may be inspected free of charge at the **Foreshore Section, Department of Housing, Local Government and Heritage, Newtown Road, Wexford, Co. Wexford during the hours of 10:00 to 13:00 and 14:00 to 17:00 Monday to Friday (Appointment required). Appointments can be made by e-mailing foreshore@housing.gov.ie.**

All objections and representations received will be forwarded to the applicant for comment prior to any decision being made in the matter. Material upon which the Minister shall determine this application will be published on the Department's website.

In this regard the Department wishes to draw attention to its policy on defamatory material that may be contained in submissions it receives which may be found on the Department's website at:

<http://www.housing.gov.ie/planning/foreshore/public-participation-foreshore-consent-process>

Dated this 25th day of November 2020

Dublin Port Company, Port Centre, Alexandra Road Dublin 1, D01 H4C6

