

New Prawn Trawler For Castletownbere



Alannah Riley arriving into Bantry Bay Photo Niall Duffy.

A large crowd of West Cork fishermen gathered in Castletownbere mid May to welcome home the new 24mtr Prawn Freezer Trawler "Alannah Riley" to her home port for the first time.

This was the first newbuild trawler for the South West port since 2009.

New owners Ross, David and Neil Minihaane commissioned Vestværf Tet Shipyard in Hvide Sande, Denmark to build the Alannah Riley as a freezer trawler rigged to triple rig

for prawns and single or twin rig for demersal species.

With a registered length of 23.9 mtrs the vessel has accommodation for 10 crew and 2 fish holds arranged for combined cooling and freezing to ensure maximum catch quality.

Crew comfort and safety is a priority aboard the Alannah Riley and a spacious crew lounge and mess area is complimented with a separate crew day room and changing area off the main trawl deck with a heated air

drying system for damp clothes and footwear provided. Onboard Crew Wi-Fi and a smart TV system fitted by Michael Hayes, Skibbreen will provide the crew with some home comforts during long trips.

Engine Room

The vessel is powered by an ABC 6DZ, 709 KW at 862 rpm main engine with a Hundested CPG 280-2 Gearbox with 3 PTO's for the hydraulic pumps. The propeller is a Hundested Variable Pitch 4 blade,

3380 mm diameter in a high efficient nozzle. A Scan-Steering MT – 2500 with 2 EL-hydraulic pump units, controls steering and there is a Hundested SFT 4, 160 HP hydraulic driven bowthruster.

There are 2. Cummins QSB 7, 191 KVA, 3 x 400 V, 50 Hz Auxiliary engines and a Mitsubishi S4 Harbour genset, 40 KVA, 3 x 400 V, 50 Hz. All engine are controlled by a SeaMech Seacontroller control system with 3 monitoring stations.

Trawl Gear

Rapp Marine supplied complete hydraulic deck equipment for the vessel that consisted of: 4 X Split Trawl winches, model TWS-2525R, 2 X. Gilson winches, model GW-1200 2500B 2 X. Cod-end winches, 1 X. SKAFFEVINSJ/ Landing Crane model TOIMIL T – 20500M/3, 2 X. Single Net Drum, model ND-2500B, 10 X. Hydraulic motor, 7 X Control system, 6 X. Drive unit, model WDU-4002B, 2 X. Double Net Drums, model NDD-2500B, 1 X. Complete hydraulic drive system, remote control and automatic trawl system.

The trawl gear on the Alannah Riley is made up of 7 separate custom built nets supplied by Faithle Trawl in Fraserburgh.

Thyboron Trawldoors supplied a set

of 76" type 11 and a set of 50" type 11 doors and a 2000 kg roller clump.

Alannah Riley has been fitted with a complete Scanmar trawl monitoring system that included 3X Flow/Symmetry Sensors, 1X Triple Distance Depth & Angle master sensor, 1X Slave Distance Depth & Angle sensor, 2X Clump Sensors, 2XH4B30X50 Hydrophones and Auto trawl integration using Scanbas 365 software.

Swan Net Gundry supplied the Alannah Riley with 1000fm of 22mm DYNICE Dyneema Warp for each of the vessels four main winches, with an extra cover 20mtr up from the thimble end and also supplied a set of rubber quad rig bridles.

Fish Handling

After successful installations on board the UK vessels INS-110 "Boy John", INS-353 "Rosebloom", and WK-170 "Boy Andrew" fish handling specialists VCU, Urk were commissioned by the owners to design and deliver a catch processing system for the new "Alannah Riley". Based on existing systems, the Minihaane's also specified a fully automatically dipping machine for



Neillie Minihaane with Jerome Harrington, handling langoustines.

From the 2 stern fish hoppers the catch can be sorted on the sorting conveyor belt with a drum motor into a 4-compartment and 2-compartment bubble jet fish washer. Each compartment of the bubble jet fish washer is divided in 3 sections. The cycle time of the washer is adjustable.

On the outflow side of the 4-compartment washer, a horizontal conveyor belt with drum motor is installed which transports the langoustines directly to the conveyor belt of the dipping machine.



David and Ross Minihaane with their daughters Alannah and Riley.



Alannah and Riley Minihaane break the traditional champagne bottle on the bow.

VESTVAERFTET

NEWBUILDINGS REPAIR CONSULTANCY

Alannah Riley



Congratulations to Ross, David, Neil, Families & Crew on the arrival of your new vessel "Alannah Riley"

Nordhavnskej 12, 6960 Hvide Sande, Denmark
Tel: 0045 97 31 33 22

Email: info@vestvaerftet.dk Web: www.vestvaerftet.dk

AIB - Your partner in fisheries.



Congratulations to Ross, David, Neil, their families & Crew with the "Alannah Riley" from all of us in AIB, Castletownbere.



"Serving Fishermen on the South & West Coasts of Ireland"

CONGRATULATIONS TO ROSS, DAVID, NEIL, FAMILIES & CREW ON THE "ALANNAH RILEY"

Irish South & West Fish Producers Organisation Ltd.
The Pier, Castletownbere, Co. Cork
Email: info@irishsouthandwest.ie
Tel: 027-70670. Fax: 027 70771.

ANGLO BELGIAN CORPORATION
We power your future



- » **Mechanical engines**
- » **Low maintenance**
- » Constant torque curve across **a wide speed range**
- » **Quick reaction** to sudden load variations

WWW.ABC-ENGINES.COM

MICHAEL HAYES MARINE LTD.

NAVIGATION - FISHFINDING - GMDSS - SAT-TV - RADIO & SATELLITE COMMUNICATIONS - SALES AND SERVICE



**Best Wishes to Ross, David, Neil, their families
& Crew with the "Alannah Riley"**

33 BRIDGE STREET, SKIBBEREEN, CO.CORK, IRELAND
MOB:087- 2649843 | PHONE/FAX 028 21657 | EMAIL hayesml@iolfree.ie

HARBOUR ENGINEERING & MARINE SERVICES LIMITED

DINISH ISLAND, CASTLETOWNBERE, CO.CORK, IRELAND



Welding & Fabrication - Mobile Welding
Marine Engineering - Stainless Steel
Work, Suppliers of: Hydraulic Hoses &
Equipment, Cranes, Winches, Power blocks
/ Heads (new & second hand) Alluminium
Fabricators, Fish Hose & Connections

**CONGRATULATIONS TO ROSS, DAVID,
NEIL, FAMILIES & CREW ON THE
"ALANNAH RILEY", FROM DONAL & STAFF**

SERVING THE FISHING INDUSTRY FOR OVER 20 YEARS

PHONE: 027 71300 / 60130 • FAX: 027 71310 • MOBILE: 087 2395498 • E: harbourengineering@eircom.net
VAT NO: IE 6348552K



ABC Main engine.



Steaming up Berehaven Sound.



Customised Skippers Seat.



Engine room.

Promara
Professional Marine Services

Wishing every success to Ross, David, Neil,
families & crew on your new vessel.

- Vessel Surveys - all types
- Condition, Insurance, Pre-purchase, accident
- Project, Conversion & New-build Supervision
- Vessel / Licence Sale and Purchase consultancy

www.promara.ie  Developer of the
Promara Green Trawler

Noel O'Regan, MBA, I Eng, IMarEng, MIMarEST, MIIMS
Tel: 087 3435666 Fax: 022 22467 Email: noel@promara.ie

Art Kavanagh QFA
Marine Finance Consultant

**Congratulations to Ross, David,
Neil, their families and Crew on
their new vessel "Alannah Riley".**

Glenlee, Killybegs, Co. Donegal, Ireland
353-74-9732915 | 353-87-6774455
artokavanagh@gmail.com

 **RAPP MARINE**

Congratulations to
Owners & Crew with
Alannah Riley

We are proud to have supplied
complete Deck Machinery to this
Vessel

Rapp Marine UK
+ 44 (0) 1779 490044

Rapp Marine Norway
+ 47 75 55 01 00

rappmarine.com

Meet us at
Skipper Expo
Int. Aberdeen on
May 26-27



Fish hold.



Skippers helm.



Galley.



VCU fish washing system.

The dipping machine is equipped with a 9-compartment drum each with a capacity of 63 litres. This drum rotates and ensures that each section with langoustines stays in the preservative bath for 8- to 15 minutes depending on the setting. The 4-compartment washing machine can also be used for processing fish.

After conservation, the langoustines are again transported through the inside of the drum to the packing table that is also provided with a conveyor belt. At this table, the langoustines are then packed in various gradings in 3 kilos boxes. These boxes are immediately frozen on board in one of the 2 Blast freezing rooms arranged on the main deck using blast freezer units are supplied by Andrew Conaghan, AJC (GEA Refrigeration Irl Ltd.)

The 2-compartment washing machine is used for processing the "fish" by-catch. The fish then goes directly to the fish hold room for storage in boxes using ice supplied by the onboard Geneglace 2,5 ton/24h ice maker.

Electronics

Barry Electronics Ltd installed the Alannah Riley's bridge equipment over a period of 2 months in Hvide Sande.

For ground discrimination, the ship is fitted with equipment from Furuno and WASSP. The Furuno multi beam, Omni directional FSV-84 sonar has been installed to give the Skipper solid information on the bottom type of the ground ahead of the ship and all around the ship. The 80Khz WASSP multibeam swath echosounder has been installed to map the seabed depth and bottom hardness.

A precision Motion reference unit has been fitted with the WASSP to provide extremely accurate motion reference data to the WASSP, giving much more accurate bottom maps. The latest Furuno Chirp echosounder, the FCV 1900, has been installed. This new model echosounder is the first in Ireland using multi frequency transmission sweeps or CHIRP technology to provide high definition echo detection not possible with conventional echosounders.

For navigation the ship is fitted with the latest model radars, GPS navigators and AIS from Furuno. The main radar, FAR 1518 is fully type approved. It can be controlled with a conventional control panel or with a standard trackball for ease of use. It comes with groundbreaking



Gutting and sorting station with conveyor from stern hoppers.

features such as Target Analyzer allowing the user to spot hazardous targets simply by their colour and Automatic Clutter Elimination (ACE) for unprecedented echo clarity.

The ship has the usual suite of GMDSS radios etc. For shore communication and crew welfare the ship is equipped with Barry Electronics own Vsat Internet access system. This is now essential on modern fishing boats for always on Internet access, email, crew welfare and managing the ship. Barry Electronics system delivers complete system control to the owner/Skipper allowing the system's use to be defined by the owner. A backup INMARSAT phone has also been installed.

For deck and ship safety, Barry Electronics have installed the most sophisticated CCTV seen on an Irish fishing boat. Using IP technology the system has 14 cameras and any or all cameras can be displayed on any of five




Trawl control station

monitors improving the safety of the fishing operation and allowing the Skipper to oversee the complete fishing operation from catching to processing.

The electronics package for the

vessel includes:

Navigation
Furuno FAR1518 Radar
Furuno M1835 Radar
2 off Soden Turbo Win Chart Plotter



- Fuel supplies
- Fish sales
- Retail
- Wholesale

Congratulations & Good Fishing Ross, David, Neil, families & crew on the "Alannah Riley".

Castletownbere, Co. Cork, Ireland.
T: (027) 70045 / 70283. F: (027) 70194. E: info@ctbfishcoop.eu

Murphy's of Castletownbere

SuperValu

Real Food, Real People

Murphy's would like to congratulate Ross, David, Neil, their families and crew on their new vessel "ALANNAH RILEY".

Congratulations to Ross, David, Neil, their families & Crew with the "Alannah Riley".



THYBORON TRAWLDOOR
Sønderborg 8, DK-7860 Thyborøn, Denmark
Telephone: +45 6761 1600 Fax: +45 6761 2313
E-mail: info@thyboron-trawldoor.dk Website: www.thyboron.dk

O'SHEA'S BAR

THE SQUARE, CASTLETOWNBERE, CORK | Tel: 027-70600



Alannah Riley

Congratulations to Ross, David and Neillie, Families and Crew of the Alannah Riley From Betty, Christina and Kieran.



SWAN NET GUNDRY



Wishing every success and safe fishing to Ross, David, Neil, Families & Crew on the delivery of Alannah Riley from all at Swan Net Gundry Ltd

Contact Swan Net-Gundry depots nationwide for information on products and prices available on a comprehensive range of Pelagic Trawls & Bottom Trawls, Safety Equipment & Electronics and Chandlery.

Tel: 00353(0)74 9731180 Email: enquiries@swannetgundry.com

www.swannetgundry.com

Furuno GP-170 GPS
Furuno GP-33 GPS
Furuno FA-170 AIS
Furuno SC-50 Sat Compass
Simrad AP-70 with dual control

Acoustic equipment

Furuno FSV-84 sonar
Furuno FSV-1900B CHIRP echosounder
WASSP 80Khz multi-beam echosounder with SMC Motion Reference Unit

Communication

Sailor 6000 MF/HF DSC radio
Sailor 6126 VDF DSC
Sailor 6210 VHF
Jotron EPIRB and SART
2 off ICOM GM-1600 hand-held radio
Furuno NX-300 Navtex receiver
BEL VSAT Satellite Communication system
Sailor Fleet One Satellite Phone
Phontech Intercom system

Other Equipment

BEL IP CCTV system
Intellian 60cm Sat TV.

Alannah Riley will land their catch to Castletownbere Fisherman's Co Op and the vessel is insured by D&D insurance.

Noel O'Regan, Promara acted as consultant for the owners and Art Kavanagh helped with the finance provided by AIB.

Speaking to The Skipper at the launch party in the Beara Coast Hotel, Skipper Ross Minihane was full of praise for all who contributed to the new vessel

"From the Shipyard workers and suppliers to the local companies and our crew and our families, we have been overwhelmed with the support for this new vessel"

"On behalf of myself, David and Neilie, I would like to say a big "Thank you" to everybody who has contributed to the "Alannah Riley" and especially our families and crew who have given us so much support over the years.

The Alannah Riley, skippered by Ross Minihane and Patrick Diver will join the Minihane's other vessels Sarah David, Dawn Ross and Ocean Venture II in their homeport of Castletownbere.

The Skipper would like to wish Ross, David and Neil Minihane, Their Families & Crew all the best for the future with the Alannah Riley and good fishing!



Wheelhouse Floor Compass Rose.



Trawl Deck.










Congratulations to the Minihane Family on the launch of their new vessel Alannah Riley. Barry Electronics are delighted to supply, install and commission the vessels navigation, fish finding and communications equipment.

Order Online: www.barryelectronics.ie
St Catherines Rd, Killybegs, Co. Donegal
Tel: 074 9731215 Fax: 074 9731739




Congratulations and Best Wishes to Ross, David, Neil, their families and Crew on the "Alannah Riley".

D&D Insurances Ltd

Block A - Unit 3, Nutgrove Office Park, Rathfarnham, Dublin 14.
Main line: 01 20 514 05 Fax: 01 20 513 57
E-mail: barry@ddinsurances.ie mark@ddinsurances.ie

"D&D Insurances Ltd is regulated by the Central Bank of Ireland"



The Minihane family gathered for the official blessing and launch.




The Maritime Specialist

Best wishes to Ross, David, Neil, families & Crew on your new vessel "Alannah Riley"



VCU TCD BV

tel: +31 527 686 280 | email: tcd@vcu.nl | web: www.vcu.nl

ANOTHER VESSEL WITH OUR VCU CATCH PROCESSING SYSTEMS