



Isle of Jura Damen RSV 3315 Offshore Service Vessel

Our Damen vessel is geared towards renewables service, anchor handling, dredger service, supply, towing, hose handling and survey.

The Isle of Jura's op system allows accurate positioning and minimal down time. **Accommodation comprises of:** heated and air-conditioned living spaces for 15 persons, consisting of 6 double crew cabins, 3 single crew, galley, mess and sanitary facilities. With the possibility to increase the capacity by means of containerised accommodation.

Isle of Jura suitable for:

- Dive Support
- ROV Support
- Servicing Renewables
- Cable Lay
- Dredging
- Cable Protection
- Seismic (OBS)
- Anchor Handling
- PLGR
- Survey

Vessel Specifications

Yard Number: YN 571795
(Damen Shipyards Hardinxveld)

Delivery Date: October 2019

Basic Functions: Renewables service, anchor handling, dredger service, supply, towing, hose handling and survey

Classification: Bureau Veritas I Hull MACH Offshore service vessel, Unrestricted navigation, DYNAPOS AM/AT R DP2 with four thrusters and DP1 with fore thrusters and tunnel thruster

Nat. Authorities: MCA Workboat Class VIII

Flag: United Kingdom

Owner: Seafast Marine

Other Equipment: 4 Point Mooring System, Stern Roller, Potable Water Maker, Towing/ Anchor Handling Winch.

Seafast Maritime Limited

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Dimensions

Length O.A: 33.18m

Beam Mld: 14.50m

Depth at Sides: 3.85m

Draught Aft (Approx): 2.60m (aft thrusters up)

Draught Aft (Approx): 4.90m (aft thrusters down)

Gross Tonnage: 499

Tank Capacities (Approx)

Fuel Oil: 130m³

Black/Grey Water: 9m³

Fresh Water: 34m³

Dirty Oil: 3m³

Hydr Oil: 3m³

Lub Oil: 3m³

Bilge Water: 4.5m³

Technical Water: 47m³

Performances

Bollard Pull: 43.3 ton(m)

Maximum Speed (Approx): 10 Knots

Propulsion System

Forward Thrusters Fixed: 2 x Rolls Royce US105 P6 FP

Power and Diameter: 2 x 480kW, 1300mm with nozzle

Aft Thrusters Swing Type: 2 x Rolls Royce TCNS 073 FP

Power and Diameter: 2 x 800kW, 1800mm with nozzle

Stern Tunnel Thruster: 1 x Veth, type VT-400 400kW

Total Propulsion Power: 2560kW (3481hp)

Drives and E-Motors: Vacon and Marelli Motor

Auxiliary Equipment

Generator Sets: 2 x Caterpillar 3512C, 1727 ekW each

Harbour Gen. Set: Caterpillar C4.4, 85.5ekW @ 1500rpm

Transfer Pumps: 2 x SIHI VWSI, 50m³/h (FO and FW)

Fuel Oil Separator: Alfa Laval MAB 104

Dimensions

Anchor: 2 x 430kg Pool TW (HHP)

Anchor Winch: DMT, Hydraulically driven

Deck Crane Fore: HS Marine AKC 370 / 21 HE3 24 ton(m)
@ 10m, 9 ton (m) @ 21 m

Winch on Crane: 11 ton single fall

Deck Crane Aft: HS Marine AKC 550 / 20 HE3 33.5 ton(m)
@ 10.5m, 15 ton(m) @ 20 m

Capstan: Electrically driven 5 ton @ 12 m/min

AHT Winch: DMT AHTW-H1500

Anchor Handling Capacity: Anchor handling 150 ton @
4 m/min 200 ton brake holding power, Towing 55 ton @
10 m/ min 125 ton brake holding power

Wire Capacity: Anchor handling 360 m, diameter 58 mm
Towing 650 m, diameter 44 mm

Towing Hook: 1x Mampaey 45 ton SWL

Tugger Winch: 4 x DMT 12 ton @ 22 m/min, 22 ton brake
holding power

4-Point Mooring System: Winches, guide rollers,
fairleads, cow catchers

Shark Jaw Guiding Pins: 2 x Triplex H-200-HD and
1 x Triplex S-115

Guiding Pins: 2 x WK- Hydraulics 35 ton 400mm

Nautical and Communication Equipment (GMDSS Area 3)

Search Lights: 2 x Pesch 2000 W

Horn: Kahlenberg KB-30A with M-511D

Compass: Cassens & Plat, Reflecta 1

DP-System: Kongsberg K-POS DP-21 with cJoy

DGPS Kongsberg: 2x Kongsberg DPS 110/112

Reference System 1x Kongsberg Spottrack

Wind Sensor: 2 x Gill Ultrasonic Wind Sensor

Gyro Compass: 3x Anschuetz Standard 22 Compact

Radar System: 2x Furuno FAR 2117

Autopilot: 1x Simrad AP-70 Pendulum (2x AD80)

SEAFAST

Vessel Specifications

Echo Sounder: 2x Furuno FE-800 200/ 50kHz

DGPS: 1x Furuno GP-170

Speedlog: 1x Furuno DS-80

Chart System: 1x Transas NaviSailor NS4000 ECS

VHF: 2x T&T Sailor, RT6222

Handheld VHF: 2x T&T Sailor SP3520

MF/ HF SSB: 1x T&T Sailor 6310

Inmarsat - C: 2x T&T Sailor 6110 Mini-C

Navtex: 1x Furuno NX-700A

AIS: 1x Furuno FA-170

Watch Alarm: 1x Furuno BR-500

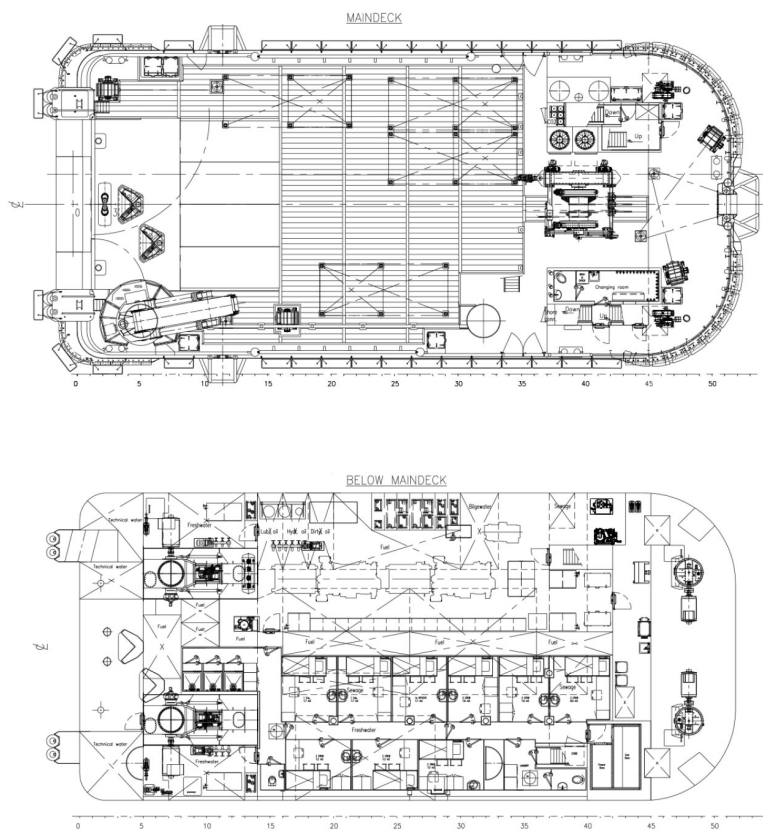
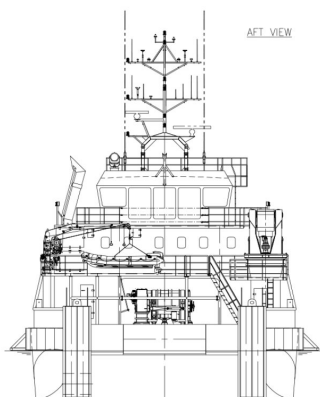
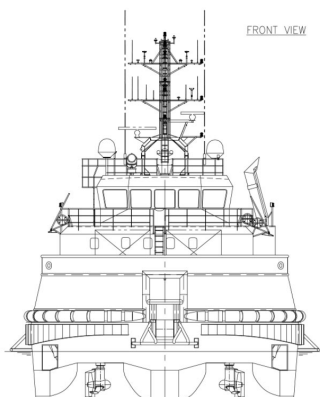
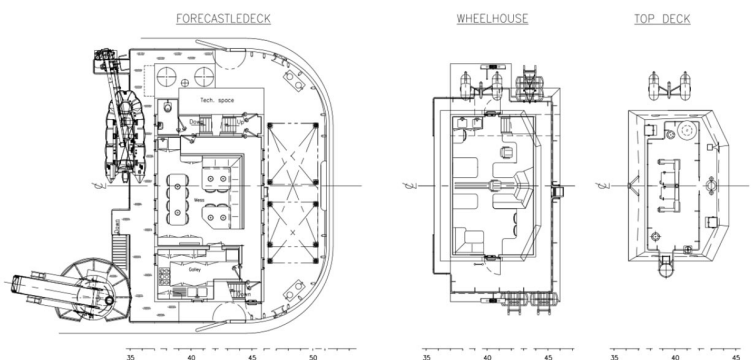
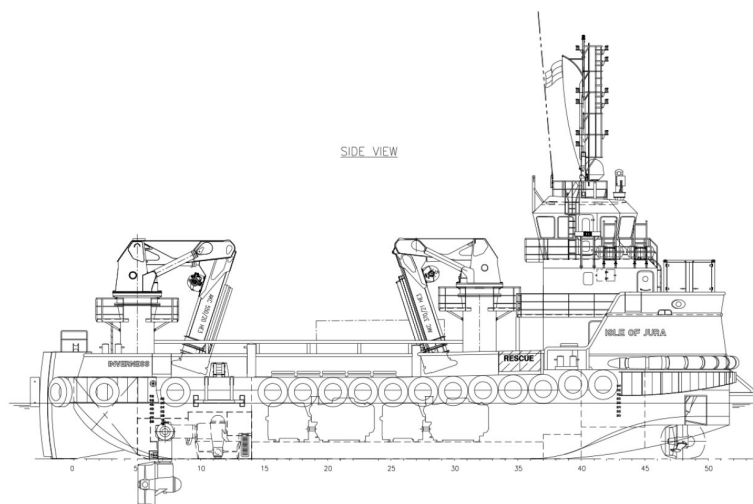
Intercom: 1x Phonetech CIS 3000

GSM: 1x Huawei E525S-23A

Iridium Tekephone: 1x Lars Thrane LT-3100

CCTV: 1x Orlaco AMOS with 8 cameras

Satellite TV System: 1x Seatel ST24



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Vibrocorer

An easy to use and proven Vibrocoring system

A sophisticated, electrically driven, vibrating coring system that can extract optimum samples at speed in depths of up to 1000m or more.

The original Med C Vibrocorer - VC(VKG) 3/6/9 - has been successfully operating in harsh climates and challenging deep-sea conditions for many years. Satisfied clients include Federal Maritime and Hydrographic Agency Germany, MMT Sweden, Fugro, Geo Marine Survey System (Geo-Corer) Netherlands, Next Geosolutions Italy, Jan De Nul Belgium and many others.

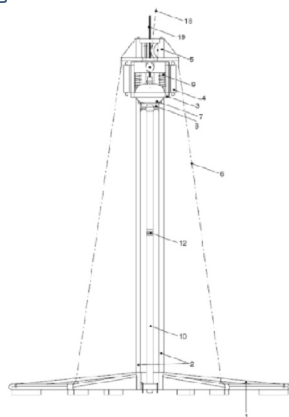
The Vibrocorer is available for purchase, rent or lease including all additional equipment, consumables and training required. If your operation only requires the Vibrocorer for a set period of time, we can provide Vibrocorer operators regardless of your project length.

Application

- Smaller and lighter than others on the market
- 4 main components, making manual assembly fast and straightforward
- Great penetration power and far greater friction efficiency at overcoming friction in sediments
- Can successfully penetrate all sand and gravel types, as well as stiff stratums such as permafrost sediments and crusts of gas hydrates.

Features/Benefits

- Up to 40 cores/sites extracted per day
- Just 5-minute penetration and extraction time (with unlimited runtime)
- Unique decoupling design resulting in minimum vibrational deadweight
- Can be operated on smaller vessels with winch/lift capacity of just 20 kN
- A standard core barrel length of 3 or 6 m with split barrels of 9 m
- All equipment and consumables are manufactured to the greatest quality to ensure less downtime and less operational cost.



VC (VKG)-3

Max. core length: 3000 mm

Core barrel diameter (inside): 102 / 96 mm (liner)

Core barrel diameter (outside): 108 mm

Max. working deepness: 250 m / 1000 m

Height: 4.50 m

Basement diameter: 2.70 m

Gross weight (excl. uploads): 0.75 t

Gross weight (full uploads): 1.0 t

Power supply (three phase AC): 380-440 V, 4 kVA, 50-60 Hz

Vibrating force: 30 kN / 7.5 kN (deep water)

Vibrating frequency: 28 Hz / 14 Hz (deep water)

Corrosion protection: hot zinced / stainless steel

Transport: Dismantled

VC (VKG)-3

Max. core length: 6000 mm

Core barrel diameter (inside): 102 / 96 mm (liner)

Core barrel diameter (outside): 108 mm

Max. working deepness: 250 m / 1000 m

Height: 7.50 m

Basement diameter: 4.60 m

Gross weight (excl. uploads): 0.85 t

Gross weight (full uploads): 1.1 t

Power supply (three phase AC): 380-440 V, 4 kVA, 50-60 Hz

Vibrating force: 30 kN / 7.5 kN (deep water)

Vibrating frequency: 28Hz / 14 Hz (deep water)

Corrosion protection: hot zinced / stainless steel

VC (VKG)-9

Max. core length: 9000 mm

Core barrel diameter (inside): 102 / 96 mm (liner)

Core barrel diameter (outside): 108 mm

Max. working deepness: 250 m / 1000 m

Height: 10.50 m

Basement diameter: 26.50 m

Gross weight (excl. uploads): 0.95 t

Gross weight (full uploads): 1.2 t

Power supply (three phase AC): 380-440 V, 4 kVA, 50-60 Hz

Vibrating force: 30 kN / 7.5 kN (deep water)

Vibrating frequency: 28Hz / 14 Hz (deep water)

Corrosion protection: hot zinced / stainless steel