



SEABOATS

MARINE BROKERS WITH A GLOBAL APPROACH

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sales@seaboats.net - www.seaboats.net

NEW BUILD - 84.8m Multi-purpose Anchor Handling Supply Vessel



Listing ID - 425830

Description NEW BUILD - 84.8m Multi-purpose Anchor Handling Supply Vessel

Date Launched NEW BUILD

Length 84.4m

Beam 22.0m

Draft 8.3m

Location ex Shipyard, Singapore

Broker Peter Cookson
peter.cookson@seaboatsbrokers.com
+61 429 543 180

Price POA

Price Notes Delivery schedule to be arranged.

Type & Application: AHTS / PSV

Flag: Malaysia

Class Notation: ABS A1 (E), AMS, Towing vessel, Offshore support Vessel AH, FIFI CLASS 1, DPS-2, OIL REC. CLASS 1, ENVIRO, ACCU, GP, HAB(WB), BP, for Unrestricted Services

Designer: Wartsila Ship Design

Builder: Jiangsu Zhenjiang Shipyard Co. Ltd, China

Year Delivered: 2013

Dimension

Length O.A: 84.80m

Length WL: 79.70m

Length BP: 75m

Beam/Ht fr Keel: 22m / 39.58m
Depth: 8.30m
Designed Draft: 6m
Maximum Draft: 6.80m
GRT/ NRT: 5174 / 1552
Lightship: 4518.52T

Performance

Speed: 15.4 knots in ballast condition on mechanical and electric
Economic Speed: 12 knots mechanical propulsion
Range: 8600 NM at economic speed
Endurance: 30 Days (with provision and supply)
Painting Scheme: 5 years cycle
Bollard Pull: 143.60 MT Static Ahead with both mechanical & electric drive and 103.54 MT on mechanical drive alone.

Tank and Loading Capacity

Deadweight: 4598t
Cargo Deck Area: 900
Deck Strength: Uniform 7.5t/
Deck Cargo: 2100T
Potable Water: 525
Cargo Fresh Water: 440
Cargo Fuel Tanks: 1331
Deck Connection: 4" dia.
Ballast / Drill Water: 2677
Rig Chan Lockers / Drill Water: 454 (2 tanks)
Dry Bulk Tanks: 310 (4 tanks)
Connection: 5"
Liquid Mud / Base / Oil / Brine / ORO: 838 (4 tanks)
Methanol: 202 (2 tanks)
Slop Tank: 61
Lube Oil Tank: 9.4
Sewage Tank: 19.9
Bilge Holding Tank: 12.7
Deck Foam Tank: 10.5
Fifi Foam Tank: 22.9
All cargo machinery – Remote control & monitoring from wheelhouse
Remote tank gauging systems for all cargo tanks
2 Segregated Systems with loading/ discharge station for each system. Able to load 2 grades simultaneously.

Pumps / Discharging Systems

Potable Water and Cargo Fresh Water: 1 x 150m³/hr. @ 90m head, centrifugal, vertical self-priming pump c/w meter. Itur ILN 80/200B
Cargo Fuel Tanks: 2 x 150m³/hr. @ 90m head. Vertical central electric driven + Flow meter
Deck Connection: Self-sealing TODO
Ballast / Drill Water: 2 x 150m³/hr @ 90m head, centrifugal pump, vertical self-priming pump
Dry Bulk Tanks: c/w gauging UMAS, pneumatic control from wheelhouse, 2 x air compressor cap- 25m³/m @ 5.6 bar c/w air dryer including 1 mucking ejector
Connection: Self-sealing

Liquid Mud / Base Oil / Brine / ORO: 2 x 100m³/hr. screw pump @ 22.5 bar, flushing by air compressor

Agitator: Fixed in each tank

Methanol: 2 x 100m³/hr. @ 90m head, hydraulic-driven, and deep well pump single stage submerged centrifugal mission C pump

Tank Wash System (For Mud & Slops): 4 set of Junior Jetstream rotating cleaning machines c/w 1x 200kW x 3000-liter electric calorifier, eccentric screw pump, 20m³/hr. chemical dosing pump & tank, duplex filter, 1 x Mud Slop Pump 17 m³/h x 1 Mpa, 1 x Hot Water Washing Pump (For mud tank washing), 10 m³/h x 1 Mpa

Passive Anti Rolling Stabilizing System: Pumps cap - 800m³/hr. @ 25m head Flume System

Deck, Towing / Anchor-handling & Mooring Equipment

Anchor Windlass and Chains: 2 x 3780kg stockless anchor 54mm x 12 lengths

Towing / Anchor: Max Line Pull 300 Mt Braking 450 Mt

Handling Winch: 1 x Double waterfall electro hydraulic low-pressure winch, 2 x drum size for both 2000m x 70mm dia. IWRC wire cap.

Ratchet: 1 x 76mm gypsies for Rig chain, 1 x 84mm gypsies for Rig chain

Shark Jaw / Towing Pin: 2 x 350T Shark Jaws & Angular Tow Pins Combined Unit

Storage Rope Peel: 2 x 2000m x 70mm wire capacity, lines pull 6.7t pulls, 32m/min

Tugger Winch: 2 x 15 mt @ 15m/min electro hydraulic

Capstan: 2 x 10 mt @ 10m/min electro hydraulic

Service Crane: 1 x knuckle 2t @ 10m outreach

Gob Eye: 1 x c/w trolley beams for P&S of winch

Stern Roller: 1 x Size 5400mm x 2500dia. SWLmin400t

Cargo Rail: 3200/ 3550mm height

Deck Covering: Hardwood wooden sheathing

Lashing Lugs: 20 x SWL 20t

Reefers Connection: 8 x 380/3/50-60Hz, 8 x 220/1/50-60Hz

Propulsion & Machinery

Propulsion / Drive Modes: CPP Hybrid mode 4560kW per shaft Diesel on mechanical & Diesel Electric.

Power Management System: For Mechanical and Electric Propulsion

Marine Engine: 2 x 3060kW, at1000rpm direct drive

Gearbox: 2 x with PTO/ PTI

Starter: Air start for both main engines & gensets

Bow Thruster: 2 x FPP 800kW motor 12MT Thrust, VFD Drive; 690v/3/60

Stern Thruster: 2 x FPP 600kW motor 10MT Thrust, VFD Drive

Power Take-In/Off Motor/ Take off/ Shaft Generator: 2 x 1500kW @ 1400 rpm 690/3/60 water cooled IP54

Main Generator: 2 x 1950kW @ 900 rpm, 690v 3ph 60hz

Harbor/ Emergency Genset: 1 x 320kW, 440/3/60@1800rpm

Other Pumps & Equipment (As per class)

Water Maker: 1 x 30 t/day, Reverse Osmosis type

UV Sterilizer: 1 x capacity 3.8 - 6.1 m³/hr.

Ballast / Drill Water Pump: 2 x 150 m³/hr. x 90m

Bilge / Fire / Gen. Service Pump: 3 x 50 m³/hr. @ 40/80m

Lube Oil Purifier: 2 x capacity 900 L/hr. c/w electric heater each

Wheelhouse, Navigation & Communication

Dynamic Position: DP 2

Reference System: Acoustics, 2 x DGPS, 1 x FANBEAM

Control (Both Fwd. & Aft)

Searchlight: 3 x 2000W Xenon Hule

Radars: 1 x S-Band FURUNO FAR 2137, 1 x X-Band FURUNO FAR 2117-D

ECDIS: 1 x FURUNO FEA-2807

AIS/ SSAS: 1 x FURUNO FA-150

Echo Sounder: 1 x FURUNO FE-700

Gyrocompass: 3 x Sperry marine NAVIGAT x MK 1 Digital multi distributor for operation on DC 10.8 - 31.2 V

GPS: 1 x FURUNO GP-150

Speed Log: 1 x FURUNO DS-80 doppler speed log

Auto-pilot: 1 x ANSCHUTZ PILOTSTAR D IP56

BWNAS: 1 set FURUNO BR-500

VDR: 1 x FURUNO VR-3000

Earth Mobile Station Inmarsat C: 1 x FURUNO FELCOM 15

VHF: 2 x FURUNO FM 8800S

SSB: 1 x FURUNO FS-2571C

Sat Communication: 1 x FBB FELCOM 500

Pollution Control

Oily Water Separator MARPOL I

Sewage Pollution MARPOL IV: Sewage treatment plan

Prevention of Pollution by Garbage MARPOL V: Garbage processing equipment (Food Waste)

Dispersant System: 20 storage capacity

Safety & Firefighting Equipment

Engine Room Flooding System: CO2 system and water mist system

Fifi System and Water Curtains: Fifi PTO 2x cap 1800m³/hr. pumps and 2 x 1200m³/hr monitor X throw length 120m

Noxious Gas Detection system: H2S gas detection system installed

Lifeboat + Davit: 2 x 40-men

Life Raft: 2 x 20-men

Fast Rescue Craft: 6 men with outboard engine c/w Davit

Accommodation & Other Utility

Total Complement: 78 berths

Hospital

Office

Officer / Recreation Room

Gym

Changing Room

Laundry Room

Freezer / Chiller

Cabins

Galley / Messroom

Provision Store

Paint Store

Deck Store

Key Features

Mechanical and Electric Hybrid propulsion for optimal operation & flexibility to reduce fuel consumption

Comfort class for accommodation

Green Passport

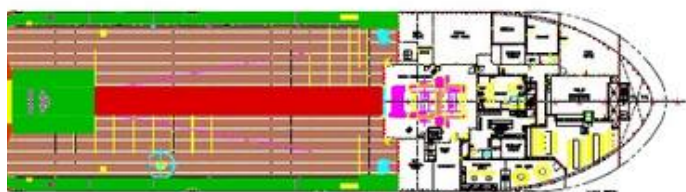
Deck Space – 900

Oil recovery capability

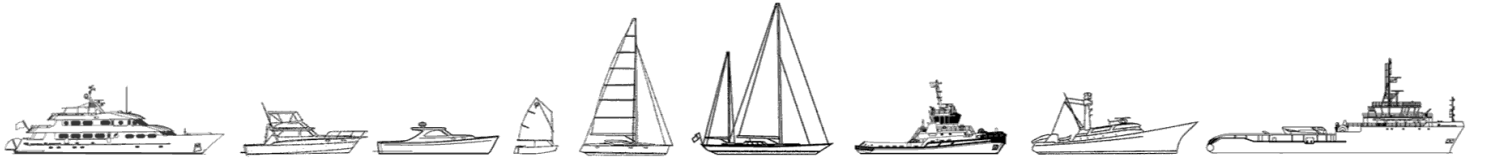
Methanol tanks

Foundation provides for AHC of 100T SWL for IMR duties and moonpool of 4.27

Able remote fuel consumption monitoring system



The details of all vessels are offered in good faith but we cannot guarantee or warrant the accuracy of this information nor warrant the condition of the vessel. Any buyer should instruct their agents, or their surveyors, to investigate such details as the buyer desires validated. This vessel is offered subject to sale, price change, location or withdrawal without notice.



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