



## NEW BUILD - 23.8m Utility Vessels available for charter or sale

Listing ID: 725258

<b>DESCRIPTION:</b>	NEW BUILD - 23.8m Utility Vessel
<b>DATE LAUNCHED:</b>	6x Currently Under Construction
<b>LENGTH:</b>	23.8m (78ft)
<b>BEAM:</b>	6.8m (22ft 3in)
<b>DRAFT:</b>	1.35m (4ft 5in)
<b>LOCATION:</b>	ex yard, India
<b>BROKER:</b>	John Kearns
<b>PRICE:</b>	POA

### General Description

#### 23.8m Utility Vessels available for charter or sale

Currently under construction six 23.8m Utility Vessels with delivery scheduled for March 2016. Built to DNV classification 1A1 Crew Cargo B Coastal. Powered by twin Caterpillar C32 marine engines producing 1450 hp @ 2300 rpm each and giving a top speed of 25 knots at 100% MCR. Bow Thruster 40 hp. Two 45 Kva Caterpillar C4.4, 240 volt 3 phase auxiliaries. Pillar Deck Crane 1.0 ton SWL at 10.0 m radius with hydraulic extension and winch and transom mounted "A" frame with 5 ton SWL. Clear deck area 60m<sup>2</sup>, deck load 30 ton with 1.5 ton/m<sup>2</sup> deck loading. Bow and stern loading. Reclining passenger seating for 30 with tables. Accommodation for 8 crew. Air conditioning throughout vessel.

Vessel Type: Shallow draft Utility Vessel

Design: Australian Marine Technology

Classification: DNV 1A1 Crew Cargo B Coastal

Class 1B: 30 passengers + 4 Crew

Length Overall: 23.8m (78ft)

Length Waterline: 22.8m (74ft 9in)

GRT/NRT: 110 Ton

Beam: 6.8m (22ft 3in)

Draft: 1.35m (4ft 5in)

Medical Facilities: Paramedic Standard

#### Machinery

Main Engines: 2 x Caterpillar C32 – 1,450 HP @ 2,300 rpm

Auxiliary Engines: 2 x 45 Kva Caterpillar C4.4, 240 volt 3 phase

(1 seawater cooled & 1 air cooled)

Soundings: Digital electronics with manual site glass

Batteries: 4 banks for main engines and generators, starting with one emergency bank above weather deck. Rotary Colhersee switch to all

Bow Thrusters: 40 HP Electric

Deck Electrical Outlets: To run reefer containers

Dive Compressor: Provision to fit on aft deck

Compressor: General unit 12 cfm for servicing equipment

Desalination Plant: 2 units producing 3,000 litres in 24 hours

Tools: Frontline tools, equipment and testing tools for preventative maintenance and on-board breakdowns

Spares: On-board spares for preventative maintenance and emergency backup

### **Performance**

Maximum Speed: 25 knots @ 2,300 rpm

Cruising Speed: 20 knots @ 1,800 rpm

Economic Speed: 10 knots @ 1,000 rpm

Fuel Consumption: 11 litres/hour at anchorage

65 litres/hour at economic speed

365 litres/hour at cruising speed

590 litres/hour at maximum speed

Cargo Capacity

Deadweight: 51.0 tons

Deck Load: 30.0 tons

Deck Strength: 1.5 tons/m<sup>2</sup>

Clear Deck Area: 60.0 m<sup>2</sup>

Fuel Oil: 10,000 litres

Potable Water: 4,000 litres

Sewage: 1,000 litres

Grey Water: 1,500 litres

Black Water: 1,500 litres

### **Electronics**

Radar: Simrad NS015 15" with TX065 6Kw 4ft scanner 48 NM

Sounder: Simrad BSM 1 with 1Kw TXPR

Plotter: Simrad NS015

GPS: Simrad GS 15

DGPS: Simrad MX 525A

GPS Plotter: Simrad NS015

Auto Pilot: Simrad AP 70

HF / SSB Radio: Icom IC M801E c/w AT 30 auto tuner

VHF Radio: Icom IC 411

Hand Held Radio: 4 x HH33 GPS/DSC Aus/NZ

Compass: Danforth magnetic GPS for autopilot

AIS: Simrad MX 535 A

Search Light: Sanshin HR-1012

Intercom: GME to machinery space, accommodation area, mess area and helm

Public Address: Raymarine 430 with 2 speakers in wheelhouse roof

Charts: All current charts for operational areas, hard copies and electronic

Navigation Lights: Yes

Air Horn: Yes

Barometer and Clock: One each at main helm station

EPIRB: 2 x 406 + 2 x 406 life rafts

SART: Simrad SA SO

Sat Phone: 1 x Globalstar

Sat Fax: Yes

Inmarsat: Yes

TV-Stereo-DVD-VHS-CD9 sets LG

Fog Horn: Distress signalling type

#### **Deck and Hull Misc.**

Fendering: Aircraft tyres

Bow Loading: Flush push up with clear deck

Stern Loading: Flush push up with landing area

Gangway: Portable aluminium gangway

Lines: Berthing, Towing Bridle, Heaving Line

Handling: Boat Hooks, Grapple with Lanyard

Deck Equipment: Recessed tie downs SWL 500 kgs, Container twist looks

Mooring: Double Bit Bollards – 6 sets

Plating: 6.0 mm deck

Crew Transfers:

Bow 1,600 mm from waterline

Transom 1,250 mm from waterline

Rescue Area 1,400 mm from waterline

Dive Platform: Folding type at bow area – below waterline with T ladder

Dive Tank Storage: Available on deck and below in Tiller Flat

Access to Water: Transom and side rescue zones

Anchor: 2 x 100 kgs

Anchor Winches: 2 x Muir 4 ton

Anchor Chain: 2 x 110 metre

Pillar Deck Crane 1.0 ton SWL at 10.0 m radius with hydraulic extension and winch

A-Frame: Transom mounted 5 ton SWL

Capstan: 5.0 ton Tugger winch on aft deck

Bilge System:

Mechanical pump with electric back-up connected to manifold system

Electric automatic pump in all spaces

Central bilge alarm panel to helm station

Manual back-up pump and bucket to meet survey

Aft Deck Canopy: Optional portable unit available

#### **Accommodation**

Air Conditioning: Split system with heating and cooling providing redundancy throughout the vessel

Cabins: 2 x 2 men, 1 x 4 men, all with lockable drawers, reading lights, privacy curtains, vertical lockers, power outlets, TV videos, desk with chair, ladders to upper bunks

Wheel House: Recline seating for 30 passengers with tables,

1 x freshwater fountain, 1 x coffee machine,

1 x refrigerator,

1 x eye wash station, TV video with LCD screens, Control helm forward and aft

Galley: Lower deck with seating for 8 persons

Bathrooms and Showers: 2 full bathrooms on lower deck; 1 WC on upper deck

Washing Machine and Dryer: 1 of each lower deck

**Galley**

Stove and Oven: Electric 1 x 4 burners

Microwave & Convection: Yes

Oven

Freezer: 1,500 litres

Cool Room: 1,000 litres fridge

Dishwasher: Yes

Ice Maker: Yes

Dry Storage Room: 4,000 litres

Fresh Water: Fountain 20 litres

Coffee Maker: Nespresso

**Fire Fighting Equipment**

Fire Hoses and Nozzles: 1 set with spray nozzles

Fire Hydrants: 1 station

Fire Extinguishers: 6 sets

Fire Control Plan – Muster List: Yes

General Emergency Alarm: Yes

Emergency Lighting: Yes

Emergency Power Supply: Yes

Emergency Fire Pumps: Yes

Fire Monitor Alarm System: Heat and smoke detectors throughout

Fixed Fire Fighting System: Fitted in machinery spaces CO2

Breathing Apparatus: 2 sets

Emergency Escape: Machinery spaces and accommodation areas

Fire Protection: Fire suits – 1 set

Fuel Shut Off: Remote operated

**Life Saving Apparatus**

Life Rafts: 2 x 20 man

Man over Board Rings: 4 off, 2 with lights all with lanyards

Solas Life Jackets: 20 Solas and 8 deck RFD work vests

Parachute Rocket Flares: 4 as per survey requirements

Hand Held Flares: 8 as per survey requirements

First Aid Kits: 1 x type E, 1 x Suturs kit

First Aid Room: 1 x Full Paramedic Facility

General Emergency Alarm: Yes

Splints: Air splints

Stretcher: 2 x Ferno

Oxygen Resuscitator: Yes

Defibrillator: Yes

Torches – Signalling: 4 pieces

Binoculars: 2 sets – 1 x night vision

Day Shape Flags: Yes

## Lighting

Navigation Lights: Port, Starboard, Masthead, Stern & Anchor. 1 x towing, 1 all round white and 2 all-round red

Floodlights: 2 x forward and 2 aft

Search Lights: 2 sets

Deck Lights: 6 units recessed

## Publications

Stability Booklet: 2 sets approved by Classification DNV

Operations Manual & Procedures: As approved by DNV

Vessel Log Book: To ISO/ISM requirements

Visitors Book: To ISO/ISM requirements

Maintenance Records: To ISO/ISM requirements

Spare Parts Manual: To ISO standards

Small Ships Handbook: Latest publication

Nautical Publications: Latest editions for area of operations

Vessel Stamp: For certifying all on-board documentation

Equipment List: Verified each sailing as required by ISO/ISM

Inventory List: Verified each sailing as required by ISO/ISM

Safety Data Records: As required by ISO/ISM

**IMPORTANT:** The Company offers the details of this vessel in good faith but cannot guarantee or warrant the accuracy of this information nor warrant the condition of the vessel. A buyer should instruct their agents, or their surveyors, to investigate such details as the buyer desires validated. This vessel is offered subject to prior sale, price change, or withdrawal without notice.

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