



## **Multi-Purpose OSV - *BOLD ENDURANCE***

The Bold Endurance is a multi-purpose support vessel that has proven to be an ideal solution to a broad range of subsea construction work scopes. Her unusually large deadweight and capacities make her an ideal deepwater platform for supporting construction, ROV, well intervention, inspections and survey activities. The Bold Endurance is ideally suited to operating in harsh environments where station keeping is critical and reliability is mission critical. Flexibility is a key; consider the ease and timeliness of reconfiguring the Bold Endurance for special projects. This all-round versatility and self-sustainability presents compelling value for today's deepwater drilling frontiers.

- Kongsberg Simrad SDP 21
- Large carrying capacity on upper deck & lower hold
- Capable of working in Harsh Environments
- 30t A-Frame

## **GENERAL**

Classification DNV 1Å1, DYNPOS-AUTR  
Port of Registry Bridgetown, Barbados

## **DIMENSIONS**

Length over-all 139.5m  
Length between perpendiculars 120.0m  
Breadth (moulded) 20.2 m  
Breadth (extreme) 20.60 m  
Depth (moulded) to main deck 13.6 m  
Draught to summer load waterline 7.7m  
Max. Nautical draught (incl. thruster skeg) 8.7m

## **WEIGHTS, TONNAGE AND CAPACITIES**

Displacement at summer draught 14374.5 t  
DWT 8250 t  
Cargo Capacity 5000 t  
Free deck space 2256 m<sup>2</sup> on upper deck (hatch covers) & Main deck –Main deck is 73 m x 13 m  
Deck load capacity on upper deck (hatch covers) 3 t /m<sup>2</sup> / deck load capacity on Main deck 17 t /m<sup>2</sup>  
Fuel (MDO) Tankage 2,956m<sup>3</sup>

## **DYNAMIC POSITION SYSTEM**

Fully redundant Kongsberg SDP-21 system with the following operator modes:

- Auto Position
- Low speed auto track
- High speed auto track
- Auto Sail
- Follow ROV

Reference Systems HiPAP 500  
Taut wire Bandak LTW MK8-15S  
2 x DGPS Seatex DPS-100

Sensors 3 x Digital Gyro Std-20  
2 x MRU – 5  
2 x DEIF wind sensors

### **MAIN ENGINES**

2 off Wartsila – SEMT Pielstick @ 2391Kw each

### **BOW THRUSTERS**

2 off Ulstein 1100kw tunnel thrusters

### **STERN THRUSTERS**

2 off Ulstein 1100 kw tunnel thrusters

### **AUXILIARY ENGINES / GENERATORS**

3 off Wartsila Vesa 524TS producing 615 kw each

3 off Caterpillar 3516B each producing 1825 KW

1 off Caterpillar 3512B producing 1200 KW

### **EMERGENCY GENERATOR**

1 off Caterpillar 3306 – 100 KW

### **ELECTRICAL SYSTEM**

Hotel service – 380v~50Hz, three phase

Project Service – 1000Amp~440v

Thrusters – 440v~60Hz

### **MAIN PROPELLERS**

2 off Type Controllable Pitch 4 blade Ka Me Wa Propeller

### **SPEED AND CONSUMPTION**

Economical -10 knots / 20 MT/Day

Fuel consumption in DP II mode, engines at 50% MCR

abt. 23 MT /Day

### **DECK MACHINERY/CRANES**

2 hydraulic aft mooring winches

2 store cranes, 2 t SWL

2 x 15t SWL cranes

30 t SWL A-Frame (Optional)

- 150° operating range
- 30 t SWL under roller & stabilizing mechanism

## **ACCOMMODATION**

Air-conditioned/heated accommodation for up to 60 persons

## **WATER MAKER**

2 Reverse Osmosis Units making abt 55 t per day

## **SEWAGE TREATMENT**

1 Seahorse Plant – 60 persons capable

1 Super Triden 6 – 40 persons capable

## **CAPABILITIES**

The Bold Endurance offers the following unique combination of properties:

- Large deck area with upper and lower loading capacity
- Large cargo hold with 1000 square meters of clear deck area
- Suitable for a variety of offshore installation activities
- Suitable for installation work in very deep water (> 2000 m)
- Dynamic positioning according to IMO Class 2
- Technically and economically competitive

These outstanding work capabilities make the Bold Endurance a perfect vessel for offshore deepwater work in remote areas, for the following reasons:

- No intermediate port calls during installation to pick-up materials, vessel completely fueled has an at sea endurance of 150 days
- Trenching
  - Large cargo hold ideally suited for heavy deck loads
- One vessel for all offshore installation activities
  - flow line, umbilical and tie-ins
  - risers, riser bases and manifolds
  - ROV services
  - well servicing or drill support

---

*The specifications listed on this data sheet are subject to change without notice and cannot be used for contractual purposes. Up-to-date configurations and specifications will be supplied on request.*

---