



## Bunker(Oil tanker) 800

### General

Yard no.	
Delivery date	8 Months from Contract
Basic functions	capable of delivering different types of cargo, >60 C heavy and light fuel oil
Classification	BUREAU VERITAS (BV) I X HULL . MACH OIL TANKER/FP>60 °C – ESP

### Dimensions

Length o.a.	: 49.50 m
Beam o.a.	: 9.50 m
Depth at sides	: 4.00 m
Design draught	: 2.8 m
Scantling draught	2.9 m
DWT	810 T

### Tank Capacities

Cargo Tanks 1	:785m <sup>3</sup>
Waterballast	:440 m <sup>3</sup>
DO Storage Tanks (	22 m <sup>3</sup>
DO Settling Tanks (	7.7 m <sup>3</sup>
DO Service Tanks	: 7.5 m <sup>3</sup>
Bilge Water Holding:	2.5 m <sup>3</sup>
Sewage Tank	: 3 m <sup>3</sup>
FW Tanks (P+S)	: 8 m <sup>3</sup>

### Performances (trials)

Speed	:8.5 knots at design draft 90% MCR
Endurance	:about 1600 Miles

### Propulsion System

Main engines	2 xMitsubishi S6B3 MPTK
Total power	2x 368 kW@ 1950 RPM
Gearboxes	2 x Twin disc or equal
Propulsion	2 x Controllable Pitch Propellers in Kort-Nozzles, Nackle Aluminum Bronze

### Auxiliary equipment

Generator sets	2 Main Diesel generators, 120 kW/160 KVA, 50Hz, 400V, IP 23, 1500 rpm 1 Emergency/Harbour Diesel genset of 64 kW/80kVA, 50 Hz, 400V, IP23, 1500 rpm
Bow thruster	50kw thrust, hydraulically driven (SidePower or equal)

### Deck lay-out

Anchors	660 kg steel(fully balanced)
Chain	24 m (U3)
Mooring winch	hydraulic driven(Data or equal)

### Accommodation

10 Persons

### Pumps

MDO Transfer Pump	1 set 2 m <sup>3</sup> /h x 30m head
G.S. pump	1 set 50 m <sup>3</sup> /h x 25m head
Bilge Pump(E/R)	1 set 50 m <sup>3</sup> /h x 25m head
Ballast pump	2 set 100 m <sup>3</sup> /h x 0.25 Mpa
Cargo oil pump	2 set 150 m <sup>3</sup> /h x 1.0 Mpa
Fire pump	1 set

### CARGO HEATING SYSTEM

One (1) set hot water boiler with capacity about 350kW will be installed

Type	: Horizontal
Fired Capacity	: about 300.000 kcal/h
Flow rate	: 15 m <sup>3</sup> /h

### Nautical and communication

Radar	: Furuno
GPs	: Furuno
Echosounder	:2x Sailor
Navtex	: Furuno
VHF radio	
SSB radio telephone	