



**Specification of**  
**SUPPLY / ANCHOR HANDLING /**  
**TOWING VESSEL**  
**VALENTINE 2**



***Valentine Maritime (Gulf) LLC***



**SUPPLY / ANCHOR HANDLING / TOWING VESSEL**  
**VALENTINE 2**

1. **NAME OF VESSEL** : VALENTINE 2
2. **OWNERS** : Valentine Maritime (Gulf) LLC
3. **YEAR BUILT** : 1998
4. **BUILDERS** : Pandan Bahari Shipyard Pte. Ltd., Singapore
5. **FLAG** : SVG
6. **PORT OF REGISTRY** : KINGSTOWN
7. **GT** : 494
8. **NT** : 148
9. **DECK STRENGTH** : 3.00 MT / M<sup>2</sup>
10. **DEAD WEIGHT / DISPLACEMENT**
  - Light Ship Weight : 588.88 MT
  - Deadweight : 366.78 MT
  - Displacement : 955.66 MT
11. **SPEED** : 12 Knots
12. **FUEL CONSUMPTION** : 10.00 MT / DAY
13. **BOLLARD PULL** : 45.5 MT
14. **HULL**
  - a. Type of Vessel : Supply / Anchor Handling / Towing Vessel
  - b. Classification : ABS + A1, Towing Vessel + AMS
  - c. Dimensions : Length O.A. 39.60 mtr (129.92 feet)  
Length 37.11 mtr (121.75 feet)  
Breadth 10.00 mtr (32.80 feet)  
Depth 4.20 mtr (13.78 feet)  
Draft 3.60 mtr (11.81 feet)  
Air Draft 18.50 mtr (60.69 feet)
  - d. Fenders : Heavy Duty rubber tire Fenders at regular intervals.
  - e. Mooring / Towing Fittings : Equipped with necessary bollards bits, and Towing / Anchor Handling Winch.
15. **PROPULSION SYSTEM / THRUSTERS**
  - MAIN ENGINE : 2 x 2000 BHP @ 720 rpm
  - MAKE : YANMAR
  - MODEL : Z 280A – EN



PROPELLER	:	2 Nos. x Fixed Pitch, 4 Bladed in KORT nozzle.
BOW THRUSTER	:	1 No. x FP SCHOTTEL (TYPE STT 060 LK) installed in a transverse tunnel and driven by 125 KW Electrical motor giving a thrust of 1.90 MT $\approx$ 17.50 KN

## **16. TOWING / ANCHOR HANDLING ARRANGEMENT**

Vessel is equipped with a Double Drum Electro Hydraulic waterfall type winch.

MAKE	:	PLIMSOLL
CAPACITY	:	75.00 MT First Layers @ 4.8 mtr / min (Low Speed)
	:	37.50 MT First Layers @ 9.6 mtr / min (High Speed)
BREAKING CAPACITY	:	120 MT
TOWING DRUM CAPACITY	:	75.00 MT, 50 mm DIA. 750 mtr Long wire Rope.
ANCHOR HANDLING DRUM	:	75.00 MT, 36 mm DIA. 100 mtr Long wire Rope.
STERN ROLLER	:	5 mtr Length x 1.8 mtr Diameter.
SHARK JAWS	:	PLIMSOLL 200 Hydraulic Operated – 200 T
CONTROLS	:	Anchor Handling Winch, Remotely from Wheel House.
	:	Shark Jaws, Remotely from Wheel House.

## **17. MOORING SYSTEM**

- 1 No. x 3.7 MT Plimsoll Electro-Hydraulic windlass on the forecastle deck.
- 1 No. x 5.0 MT @ 10 mtr/min. Plimsoll Electro-Hydraulic Tugger winch.

## **18. SERVICE TANKS**

Fresh Water capacity	:	97.30 Cu.M.
Fuel capacity	:	337.00 Cu.M.

## **19. BUNKER DISCHARGE RATES**

Fuel	:	12 m <sup>3</sup> / hr @ 30 mtr head
Fresh Water	:	40 m <sup>3</sup> / hr @ 35 mtr head



## 20. ACCOMMODATION

Vessel is equipped with air-conditioned quarters for 16 personnel. The available cabins are as follow:-

Single - Berth Cabin : 2 Nos.  
Twin - Berth Cabin : 7 Nos.

## 21. AIR CONDITIONING SYSTEM

Vessel is equipped with A/C and AHU units (2 Nos.).

MAKE : DAIKIN  
MODEL : 8 HC 38C-F YE

## 22. VESSEL POWER

- 3 Nos. x 90 kW Alternator Driven by CUMMINS 6CT83 Engine (50 Hz, 415V) as Main Generator.
- 1 No. x 135 kW Generator powered by CAT Engine (50 Hz) as Emergency Generator.

## 23. OILY WATER SEPERATOR

1 No. x 0.5 m<sup>3</sup> / hr, 15 PPM, Make : Taiko Kikai

## 24. SEWAGE TREATMENT

Vessel is equipped with Screw type Sewage pump and Sewage holding tank.

MAKE : HAMWORTHY  
MODEL : 572

## 25. AIR COMPRESSORS

2 Nos x 34.5 m<sup>3</sup> / hr @ 34 BAR, Air compressor, Model : 2 SF 4

## 26. MAIN WORKING DECK

Clear Deck space is 14 mtr x 6.7 mtr i.e. 93.8 m<sup>2</sup>.

## 27. COMMUNICATION / NAVIGATION EQUIPMENT

- GMDSS Equipment for Sea Area A1+A2+A3
- GMDSS TWO-WAY RADIO : 3 Units  
Make : SAMYUNG, Model : STV-160
- SATCOM INMARSAT C. : 1 Unit  
Make : FURUNO, Model : RC-1500-IT



- MF / HF (GMDSS) 1 Unit  
Make : FURUNO, Model : FELCON 12
- S S B 1 Unit  
Make : ICOM, Model : IC-M710  
Make : FURUNO, Model : FS-1562-25
- VHF 2 Units  
Make : FURUNO, Model : FM8500  
Make : ICOM, Model : ICM-2A
- RADAR 2 Units  
Make : FURUNO, Model : RDP-118
- GYRO COMPASS 1 Unit  
Make : TOKIMEX, Model : ES-110
- MAGNETIC COMPASS 1 Unit  
Make : DAIKO, Model : T-150 B
- AUTO PILOT 1 Unit  
Make : COMNAV, Model : 2001G
- ECHO SOUNDER 2 Units  
Make : MARINETEK, Model : SEAMAX
- EPIRB 1 Unit  
Make : MPT, Model : 1258
- GPS NAVIGATOR 1 Unit  
Make : FURUNO, Model : GP80
- BAROMETER 1 Unit  
Make : YOUNG WIND TRACK
- NAVATEX RECEIVER 1 Unit  
Make : NAV5 GMDSS
- P.A SYSTEM 2 Units  
Make : SOLID STATE, Model : HL 555
- AIS 1 Units  
Model : MT-1VDU

## **28. SEARCH LIGHTS**

Vessel is equipped with search lights to cover the working areas in BOW and STERN.

## **29. FIRE FIGHTING EQUIPMENTS / FACILITIES**

### **Fire Pumps**

- 1 No. x 320 m<sup>3</sup> / hr CAT 3208V, 185 HP, Engine Driven Fire Pump, SPP Pump TD 12 F.
- 1 No. x 165 m<sup>3</sup> @ 31 mtr head, DESMITHSKE General Service pump (SA80-190/10)
- 1 No. x 42 m<sup>3</sup> / hr, Robin Emergency Fire Pump (PTG 207)



## **Fire Fighting System / Extinguishers**

- CO<sub>2</sub> Fire Extinguishing system for Engine Room.
- Fire Extinguishers : As per SOLAS / CLASS Requirement

### **30. HEAT AND SMOKE DETECTION**

Fixed Fire detectors are installed in all Cabins, Corridors, Service area and Machinery Space. The control panel is installed at the Bridge.

Make : ELTEK, Model : ANX-95

### **31. LIFE SAVING APPLIANCES**

- **Life Rafts / Life Jackets**  
As required by Flag / Class Society.
- **Life Buoys & MOB**  
As required by Flag / Class Society.
- **Pyrotechnics**  
As required by Flag / Class Society.
- **Rescue Boat**  
As required by Flag / Class Society.

