



## AKN MARINE SUPPLIES



**CREST SUPPLY 2**

### PRINCIPAL PARTICULARS

**Length Overall:** 45.00m

**Length Waterline:** 43.43m

**Breadth Moulded:** 11.80m

**Depth Moulded:** 4.60m

**Draft Max:** 3.80m

**Year Built:** 2006

**GRT/NRT :** 621/186

**Class:** ABS

**Notation:** Class 1 + Hull + MACH, Supply Vessel Unrestricted Navigation

**Flag:** Singapore

### PERFORMANCE

**Maximum Speed:** 12.00 Knots (Approx.)

**Economical Speed:** About 11.0 MT/24 Hrs

### DECK EQUIPMENT

**Windlass:** 3.4t @ 12m/min for 28 mm dia stud link 42

**Bow Anchors :** 2 x 1040kg high-holding type anchor

**Clear Deck Area:** 24m x 9m = 216m<sup>2</sup>

**Fuel Oil:** 549.22m<sup>3</sup>

**Fresh Water :** 160.50 m<sup>3</sup>

**Water Ballast/ Drill Water:** 63.82m<sup>3</sup>

**Foam:** 8.75m<sup>3</sup>

**Detergent:** 8.75m<sup>3</sup>

### PROPULSION SYSTEM

**Main Engines:** 2 x 1750 BHP, Caterpillar 3512B c/w Reinjtjes GB WAF 763L, Ratio: 5.750:1

**Main Generator:** 3 x 245kw/415v/3ph/50Hz

**Emergency Genset:** 1x40kw/415v/3ph/50Hz

**Bow Thruster:** 1x350kw tunnel unit

### LIFE SAVINGS APPLIANCES

**Search Lights:** 3 x 2000W

**Floodlights:** 5x1000W

**Life Raft:** 6x25 men

**Life Buoy:** 8 units with buoy lights

**Life Jackets:** 75 units

**Immersion Suit:** 3 units

**Rescue Boat:** 1set for 6 men

**Emergency Escape Breathing Devices:** 8 units

### TOWING/DECK MACHINERY

**Stem Roller:** 1.6 dia. and 3.5m long with swl 150t

**Chains:** 358m x 28mm dia. Grade U2 stud link chain

**Capstan:** 2 x 5 t @ 15m/min

**Tugger Winch:** 2 x 5t @ 15m/min

### ACCOMMODATIONS

**Berths:** 2 x 1 berth cabin = 2 & 4 x 4 berth cabins = 16

**Total:** 18 men

Hospital: 1 x 1 berth cabin (2 beds) = 2

All cabins are fully air-conditioned  
20 individual seating available

### RADIO & NAVIGATIONAL EQUIPMENT

**GMDSS:** Area 1 + 2 + 3

**Rack Console System:** a) SSB-Model FS-1562 400w -1 set Furuno Model RC-500

b) DSC-Model DSC-6 MF/MF - 1 set

c) Watch Keeping Receiver – Model AA-50 - 1 set

d) NBDP-Mode1 DP60 - 1 set

e) Immarset C-Model Felcom 12 -

**Semi-Duplex GMDSS VHF:** 2 x Furuno VHF Transceiver with built in DSC-8V for 24VDC operation

**Satellite EPRIB:** 1 x Mcurdo Model E3

**2 way Portable VHF Radio:** 3 x Furuno

**SART:** 2 x search and rescue radar transponder (SART)

**Navtext Receiver:** 1 x Furuno

**X-Band Radar :** 2 x Furuno 64 NM

**Echo Sounder:** 1 x Furuno

**GPS Plotter:** 1 x Furuno

**Gyrocompass :** 1 x Simrad

**Magnetic Compass:** 1 x Saura

**Autopilot:** 1 x ComNav2001

**Weather Fax:** 1 x Furuno

**Speed Log:** 1 x Furuno

**Automatic Identification System:** 1 unit

### FIRE-FIGHTING EQUIPMENT & ANTI-POLLUTION

#### EXTERNAL

**FIFI:** ½ FiFi

**Fire Pump:** 2 x 600m<sup>3</sup>/hr @ 12bar

**Monitors:** 2 x 600m<sup>3</sup>/hr @ 12bar with remote control.

#### INTERNAL

**Emergency Fire Pump**

**CO2 system in engine room**

**Fire Detection & Alarm System in Accommodation**

#### OTHERS

**Sewerage:** 1 x 23 men per day

**Oily Water separator:** 1 x 0.5m<sup>3</sup>/hr

@100% MCR

producing 5T thrust

1 set

(MARPOL Standard)

f) Printer- PP51 0 - 2 sets

**Type of Fuel:**  
Marine Gas Oil

**Steering Gear:** 2 x  
35 degree - 5TM

**CARGO  
CAPACITIES**

**Propulsion:** 2 x FPP  
Type with Kort Nozzle

**Deck Strength:**  
5.0t/m<sup>2</sup> uniform  
loading

**Rudders:**  
Conventional

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