



AKN MARINE SUPPLIES



PWM SUPPLY

PRINCIPAL PARTICULARS

Length Overall:
45.00m

Length Waterline:
43.43m

Breadth Moulded:
11.80m

Depth Moulded:
4.60m

Draft Max: 3.80m

Year Built: 2005

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

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

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

Clear Deck Area:
24m x 9m = 216m²

Fuel Oil: 549.22 m³

Fresh Water :
160.50 m³

**Water Ballast/ Drill
Water:** 63.82m³

Foam: 8.75m³

Detergent: 8.75m³

PROPULSION SYSTEM

Main Engines: 2 x
1750 BHP, Caterpillar
3512B c/w Reinhjtes
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
producing 5T thrust

LIFE SAVINGS APPLIANCES

Search Lights: 3 x 2000W

Floodlights: 5x1000W

Liferafts: 6x25 men

Lifebuoys: 8 units with buoy
lights

Life jackets: 75 units

Immersion suit: 3 units

Rescue boat: 1set for 6 men

**Emergency Escape Breathing
Devices:** 08pcs

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) Inmarsat 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 Mcmurdo 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 600m³/hr @ 12bar

Monitors: 2 x 600m³/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 0.5m³/hr

@100% MCR

Type of Fuel:
Marine Gas Oil

**CARGO
CAPACITIES**

Deck Strength:
5.0t/m² uniform
loading

Steering Gear: 2 x
35 degree - 5TM

Propulsion: 2 x FPP
Type with Kort Nozzle

Rudders:
Conventional

1 set
f) Printer- PP51 0 - 2 sets

(MARPOL Standard)