

## Whales Diamond



### PRINCIPAL PARTICULARS

IMO No.	: 9375032
Year Built	: 2006
Class	: RINA
Notation	: 1✕ Hull ✕ Mach Crew boat ; Special service -Utility vessel, Coastal Water
Type	: Fast Crew Boat / Utility Vessel
Flag	: UAE

### DIMENSION

Length Overall	: 34.00 m
Length Registered	: 31.49 m
Breadth Moulded	: 7.83 m
Depth Moulded	: 3.30 m
Draft Moulded	: 1.50 m
Summer freeboard	: 1.735 m
GRT	: 226 mt
NRT	: 67 mt
Deadweight	: 44 mt

### PERFORMANCE

Seed	: 20.0 - 22.0 knots
Type of fuel	: Marine Gas Oil

### CARGO CAPACITIES

Deck Cargo	: +/-40 mt
Deck Strength	: 2.5 Ton/m <sup>2</sup>
Clear Deck Area	: 65.10 m <sup>2</sup> (6.2m x 10.5m)
Fuel Oil	: 50 m <sup>3</sup>
Fresh Water	: 20 m <sup>3</sup>
Sludge Tank	: 250 ltrs
Dispersant tank	: 200 ltrs
Cargo railing height	: 1.5m

### PROPULSION SYSTEM

Main Engine	: 3 x 1350 BHP @ 1950 rpm Cummins KTA 38M2
Main Generator	: 2 x 75 kW Cummins 6BT5.9 DM
Bow Thruster	: 1 x 1 Ton Thrust
Steering Gear	: 1 x Kobelt 7175 MA (electrohydraulic)
Propulsion	: 3 x 5 Bladed FPP of Nickel Aluminum Bronze
Rudders	: 2 nos

### DECK EQUIPMENT

Anchor Winch	: Electrical, single drum and warping head 1 ton nominal pull at 9m/min
Anchors	: High Holding Power type, 1 x 135kg (approx.)
Chains	: Steel wire rope (length and breaking strength as required by Class) c/w 12.5m x 14mm dia. stud link chain
Bollards	: 6 x 100mm dia. double-bit / 2 x 100mm dia. single bit
Mooring Chocks	: 4

### FIRE FIGHTING EQUIPMENT

#### External

Fire monitor	: 2 units fitted on the port and starboard side aft (stern) on the main deck.
Fire pump	: 300m <sup>3</sup> /hr (Volvo Penta – Standalone unit)

#### Internal

Fixed System in E/R	: CO <sub>2</sub> System
Fire Detection System	: Fire Alarm Panel Notifier
Emergency Fire Pump	: Desmi 50m <sup>3</sup> /hr Electric Motor Driven
Fireman's outfit	: 2 units complete with breathing device
Fire blanket	: 1 nos.

### NAVIGATIONAL /COMMUNICATION EQUIPMENTS

GMDSS	: 1 set Icom IC-M304
SSB	: 1 set Sailor
SART	: 2 x ACR PATHFINDER TM
EPIRB	: 1 set (Satfind, Nat Satfind 40611 )
Inmarsat C	: 1 set Sailor
VHF Radio	: 2 x SAILOR
Portable VHF Radio:	3 x handheld VHF, 2.5W, I.S. type c/w spare battery & charger
Satellite Phone/fax	: 1 unit Mini-M
Navtex Receiver	: 1 x JMC NT -1800
X-Band Radar	: 1 x Furuno
Echo Sounder	: 1 x Skipper Nanjing Marine, ED161
GPS	: 1 x Furuno c/w 4.5" LCD display
Autopilot	: 1 x SIMRAD AP50
Speed Log	: 1 x Anthea
Magnetic Compass	: 1 x CASSENS & PLATH GmbH
AIS	: SIMRAD A180

### ACCOMMODATIONS

Berths	: 10 berths for marine officer/crew
Passenger Seating	: 70 persons
*All cabins are fully air-conditioned	

### LIFE SAVING APPLIANCE

Search Lights	: 2 x 1000W (360°)
Liferafts	: 8 x 25 Men SOLAS Type
Lifebuoys	: 8 pcs
Life jackets	: 88 pcs
Work Vest	: 10 units
EEBD	: 4 units
Line Throwing	: 4 projectiles and lines
Apparatus	
Scrambling net	: 2 units (4m x 3m)
Rescue boat	: 1 inflatable rescue boat for 6 men with 25HP outboard motor and launching davit

### AUXILLIARY SYSTEM

Rescue Zone	: Port & Starboard at Main deck
Oily Water Separator	: 1 nos. of 0.5t/hr Georim

