



AKN MARINE SUPPLIES



CREST RADIANT 2

<p>GENERAL</p> <p>Year Built: 2008</p> <p>GRT/NRT: 764 / 229</p> <p>Class Notation: 1 + Hull + MACH, TUG Supply Vessel Unrestricted Navigation</p> <p>Class: BV</p> <p>Flag: Singapore</p> <p>Call Sign: 9V7406</p> <p>Official Number: 394082</p> <p>IMO Number: 949981</p> <p>DIMENSIONS</p> <p>Length Overall: 53.00m</p> <p>Length Waterline: 48.00m</p> <p>Breadth Moulded: 12.00m</p> <p>Depth Moulded: 4.80m</p> <p>Draught Designed: 3.80m</p> <p>PERFORMANCE</p> <p>Maximum Speed: 12.5 knots</p>	<p>DISCHARGE RATES</p> <p>Fuel Oil Pump: 1x100 m³/h @50mH</p> <p>Fuel Oil Pump: 1x500 m³/h @50mH</p> <p>Fresh Water Pump: 1x50 m³/hr @50mH</p> <p>MACHINERY</p> <p>Main Engines: Cummins KTA50-M2</p> <p>Rating: 1600BHP @1800RPM</p> <p>Gear Box: Reintjes WA665L</p> <p>Diesel Gen. Set: Cummins, Diesel Driven x 3 units</p> <p>Revolutions: 240kw (415V,50Hz)</p> <p>Main Alternator:. Cummins, Diesel Driven x 1 unit</p> <p>Output: 40kw (415V,50Hz)</p> <p>Bow Thruster: 1x5t Thrust HRP</p> <p>Bow Thruster Engine: HRP</p>
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DECK

Deck Cargo Bay: 26x 9m (Approx.)

Deck Strength: 5 Tonnes / m²

Clear Deck Area: 400 m²

RADIO & NAVIGATIONAL EQUIPMENT

Radar No 1: 1xFuruno (FR-1510MK3)

Radar No 2: 1xFuruno (FR-1942MK3)

Projection Magnetic Compass: 1xFuruno

GPS: 2xKoden KGP-920

Anemometer: 1xP&E (A.45)

Echo Sounder: 1xFuruno(FE-700)

Speed Log: 1xFuruno(DS-80)

Gyro Compass: 1xSIMRAD(GC-80)

AIS: 1xFuruno(FA-150)

Autopilot: 1xSIMRAD(AP-50)

GMDSS Radio: 3xMcMurdo(R1)

EPRIB: 3xMcMurdo(E3)

SART: 2xMcMurdo(S4)

Navtext Receiver: 1xFuruno(NX-700)

Weather Fax: 1xFuruno(FAX-408)

Public Address System: STEENHANS ET 8100A

DECK & AUX. EQUIPMENT

Electric Hydraulic Windlass: 6.0t @ 12 m/min

Stockless Bower: 2 x 855kg

Anchor Chain/Cable: 385m total length @ 34mm Dia. Grade 2, Stud link chains

FIRE-FIGHTING EQUIPMENT

Fire Main: 1 x1200 m³/hr @ 14Bar PTO from M/E

Fire Main Hydrants: As Per SOLAS and Class requirement

Fireman Outfit: As Per SOLAS and Class requirement

Portable Fire Extinguisher: A Per SOLAS and class requirement

Fire Monitors: 2 x 600m³/hr @ 12bar, 45m throw

Emergency Fire Pump: 20m³/hr @ 25mH, engine driven

Fire Detection and Alarm: As Per SOLAS and Class requirement

Fixed CO2 system: Protected Zone: Engine Room

LIFE SAVING EQUIPMENT

Inflatable Life raft: 4unitsx20 person

Life Jacket: As Per SOLAS and Class requirement

Life Buoy: As Per SOLAS and Class requirement

Life Throwing Apparatus: 4 units x 4 projectiles and lines

Parachute Distress Rocket: As Per SOLAS and Class requirement

Orange Smoke Signals: As Per SOLAS and Class requirement

Rescue Boat: 1unit x 6 person

OTHER

Sewage Treatment Plant: 1unit (cap: for 22 persons)

Oily Bilge Water Separator: 1 unit (Cap: 0.5m³/hr) @ 15 rpm

Hospital: 1 man bunk

Reefer Point: Available

Type of Fuel: Marine Gas Oil

Propellers: FPP x 2 (with Kort Nozzles)

Towing Winch: Electric Hydraulic Driven, 40t @ 5m/min waterfall type, come with spooling device

Bollard Pull: 44t (sustained bollard pull)

Rudders: 2xConventional

CAPACITIES

ACCOMMODATIONS

Capacity of Drum: 900m length of 44mm Dia. Wire

Fuel Oil: 698.66 m³

2x1 man cabin=2 men

Crane: 2.5t SWL come with quick release control

Fresh Water: 146.71m³

2x2 man cabin=4 men

Ballast Water: 58.92m³

4x4 man cabin =16 men

Dirty Oil: 5.0m³

Total: 22 men bunk

Detergent: 6.41m³

All cabins fully air-conditioned