



AKN MARINE SUPPLIES



CREST RADIANT 6

GENERAL	DISCHARGE RATES
Year Built: 2008	Fuel Oil Pump: 2x150 m ³ /h @50mH
GRT/NRT: 764 / 229	Fuel Oil Pump: 1x100 m ³ /h @50mH
Class Notation: 1 + Hull + MACH, TUG Supply Vessel Unrestricted Navigation	Fresh Water Pump: 1x50 m ³ /hr @50mH
Class: BV	MACHINERY
Flag: Singapore	Main Engines: Cummins KTA50-M2
Call Sign: 9V8466	Rating: 1600BHP @1800RPM
Official Number: 395813	Gear Box: Reintjes WA665L
IMO Number: 9543184	Diesel Gen. Set: Cummins, Diesel Driven x 3 units
DIMENSIONS	Revolutions: 240kw (415V,50Hz)
Length Overall: 53.00m	Main Alternator:. Cummins, Diesel Driven x 1 unit
Length Waterline: 48.00 m	Output: 40kw (415V,50Hz)
Breadth Moulded: 12.00m	Bow Thruster: 1x5t Thrust HRP
Depth Moulded: 4.80m	Bow Thruster Engine: HRP
Draught Designed: 3.80m	
PERFORMANCE	
Maximum Speed:	

DECK

Deck Cargo Bay: 26x9.1m
(Approx.)

Deck Strength: 5.0 t/m²

Clear Deck Area: 242.06 m²

RADIO & NAVIGATIONAL EQUIPMENT

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

Radar No 2: 1xFuruno
(FR-1942MK2)

Projection Magnetic Compass:
1xFuruno

GPS: 2x(Koden 920 & FurunoGP-
32)

Anemometer: 1xNavman (W3150)

Echo Sounder: 1xFuruno(FE-700)

Speed Log: 1xFuruno(DS-80)

Gyro Compass: 1xSIMRAD(GC-80)

AIS: Furuno(FA-150)

Autopilot: 1xSIMRAD(AP-50)

GMDSS Radio:2xFuruno
FELCOM15

EPRIB: 3xMcMurdo(E3)

SART: 2xMcMurdo(S4)

Navtext Receiver: 1xFuruno(NX-
700)

Weather Fax: 1xFuruno(FAX-408)

VHF Radio Telephone:
4xFuruno FM8800, 2xICOM IC-
M304

DECK & AUX. EQUIPMENT

Electric Hydraulic Windlass:
6t @ 12 m/min

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

Hand Flare: 6 units

OTHER

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

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

12.5 knots (Aprrox) 8.0 knots (Economical)

Propellers: FPP x 2 (with Kort Nozzles)

Stockless Bower: 2 x 855kg

Hospital: 1 man bunk

Type of Fuel: Marine Gas Oil

Rudders: 2xConventional

Anchor Chain/Cable: 412.5m total length, Stud link chains

Reefer Point: 6 units at main deck

Bollard Pull: 43t

ACCOMMODATIONS

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

CAPACITIES

2x1 man cabin=2 men

Fuel Oil: 684.70m³

2x2 man cabin=4 men

Capacity of Drum: 750m length of 42mm Dia. Wire

Fresh Water: 146.70m³

4x4 man cabin =16 men

Crane: 2.0t

Ballast Water: 58.92m³

Total: 22 men bunk

Dirty Oil: 5.0m³

All cabins fully air-conditioned

Detergent: 6.41m³

All cabins toilet attached