

Nathaniel B. Palmer

BUILT BY: North American Ship Building

OWNER: Edison Chouest Offshore

DELIVERY: 1992



GENERAL

The vessel is designed as an Antarctic research Icebreaker:

- Classification ABS A2, US FLAG
- Twin Screw CP propellers in nozzles.
- 2 Bow thrusters and 1 stern thruster

Deck equipment includes 3 oceanographic winches, one bottom sampling winch, stern gantry and one cargo crane aft.

There is a heli pad aft as well as hangar facilities for two helicopters. There are two fully enclosed lifeboats port and stbd as well as one workboat and two RIBs port side. The vessel has a cargo hold capable of handling five 20 foot containers, one 12,000 cu ft. general cargo, three storage compartments for 13,000 cu ft. of scientific equipment, and two machinery compartments.

MAIN PARTICULARS

Length overall	94.00 m	308.42'
Length waterline	85.27 m	278.87'
Breadth moulded	18.29 m	60.00'
Depth main deck	9.45 m	31.00'
Design draft	6.63 m	21.75'
Displacement		6200 LT
Propulsion plant		geared diesel
Propulsors		2 CPP in nozzles

PERFORMANCE

Propulsion power	9396 kW - 12600 hp
Auxiliary power	4 @ 850 kW
Speed (service)	15.0 knots
Speed (ice)	3.0 knots (in 3" - 0" 1 st year ice)

CAPACITIES

Fuel	1462 tonnes
Water ballast	870 tonnes
Deadweight	1588 tonnes
Endurance	3 month voyage
Complement	70 + Evacuee provisions