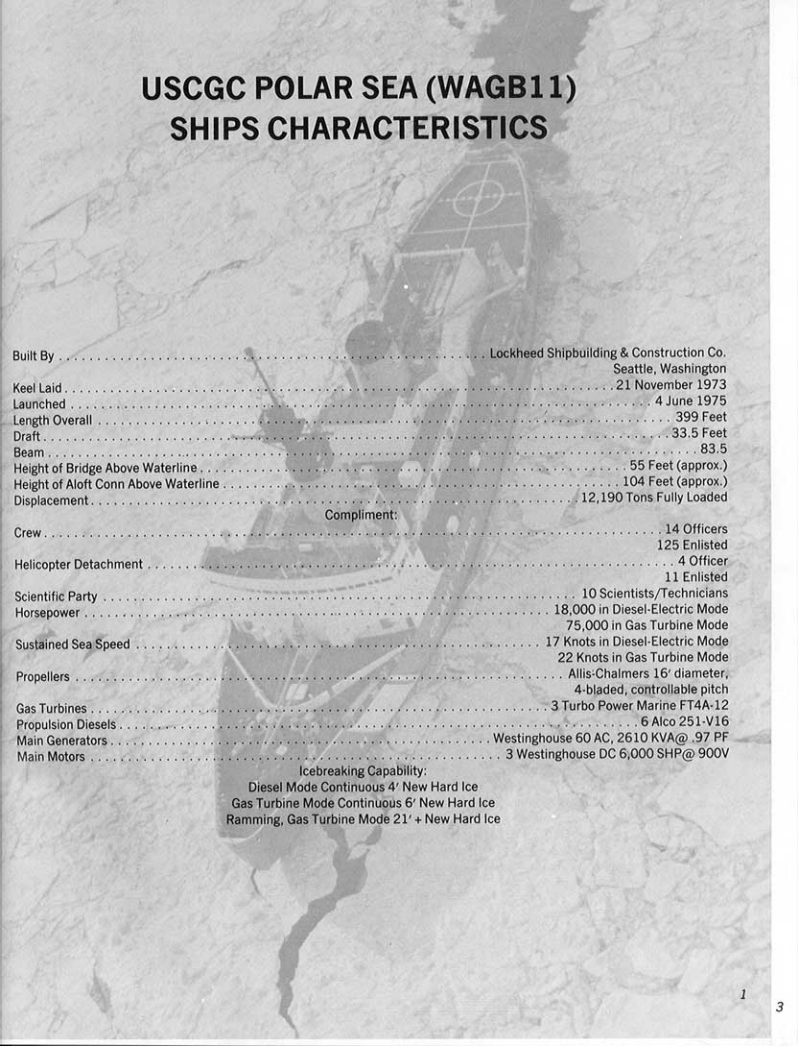


USCGC POLAR SEA (WAGB11)

SHIPS CHARACTERISTICS



Built By	Lockheed Shipbuilding & Construction Co. Seattle, Washington
Keel Laid	21 November 1973
Launched	4 June 1975
Length Overall	399 Feet
Draft	33.5 Feet
Beam	83.5
Height of Bridge Above Waterline	55 Feet (approx.)
Height of Aloft Conn Above Waterline	104 Feet (approx.)
Displacement	12,190 Tons Fully Loaded
Compliment:	
Crew	14 Officers 125 Enlisted
Helicopter Detachment	4 Officer 11 Enlisted
Scientific Party	10 Scientists/Technicians
Horsepower	18,000 in Diesel-Electric Mode 75,000 in Gas Turbine Mode
Sustained Sea Speed	17 Knots in Diesel-Electric Mode 22 Knots in Gas Turbine Mode
Propellers	Allis-Chalmers 16' diameter, 4-bladed, controllable pitch
Gas Turbines	3 Turbo Power Marine FT4A-12
Propulsion Diesels	6 Alco 251-V16
Main Generators	Westinghouse 60 AC, 2610 KVA@ .97 PF
Main Motors	3 Westinghouse DC 6,000 SHP@ 900V

Icebreaking Capability:

Diesel Mode Continuous 4' New Hard Ice
 Gas Turbine Mode Continuous 6' New Hard Ice
 Ramming, Gas Turbine Mode 21' + New Hard Ice