



SHIP'S CHARACTERISTICS

Length _____	269 feet
Beam _____	63 feet and 9 inches
Draft _____	29 feet maximum
Height of Mast _____	131 feet from water line
Displacement _____	6,150 tons fully loaded
Horsepower _____	Six diesel engines with 12,000 hp which drive through generators to two main motors, with 5,000 hp each
Propellers _____	2 three-bladed nickel aluminum-bronze, 17 ft. diameter
Aircraft _____	2 helicopters
Hangar _____	Aluminum, 3 section telescopic, capacity to hold two large helicopters
Plating _____	Side plating from above the water line to keel, high tensile steel to 1-1/4" to 1-5/8" thick. Specially re-enforced bow.
Oil _____	Capacity of nearly three quarters a million gallons of diesel oil, giving the ship a range of more than 38,000 miles
Provisions _____	Ample supply for up to six months operations
Searchlights _____	Two 24" carbon arc search lights plus several smaller incandescent lights for use in signalling and in night icebreaking operations
Boats _____	One LCVP (amphibious landing craft), one motor surfboat, one large steel clad Greenland cruiser (for scouting and sounding)
Heeling System _____	Six tanks connected by 24" lines permit pumping approximately 170 tons of water from one side of the ship to the other in 90 seconds, rolling the ship back and forth to break it loose when beset in the ice