

ARSV Laurence M. Gould

Principal Features and Technical Information

| General | | |
|--------------------------------|-------------------------------------|---------|
| Vessel Owner | Edison Chouest Offshore Inc. | |
| Address | Galliano, Louisiana | |
| Builder | North American Shipbuilding, U.S.A. | |
| Year of Construction | 1997 | |
| Chartered for | Raytheon Polar Services Company | |
| Address | Centennial, Colorado | |
| Classification | Ice Class ABS A1 | |
| Flag | U.S.A. | |
| Principal Dimensions | | |
| Length Overall | 230 ft | 70.2 m |
| Length Between Perpendiculars | 212 ft | 64.7 m |
| Breadth (molded) | 46 ft | 14.02 m |
| Breadth (with ice reamers) | 56 ft | 17.1 m |
| Draft | 18 ft | 5.49 m |
| Depth | 25.75 ft | 7.85 m |
| Lightship Weight | 2755 LT | 2799 t |
| Deadweight | 1025 LT | 1041 t |
| Loadline Displacement | 3780 LT | 3841t |
| Gross Tonnage | 2966 (international) | |
| Loadline Displacement | 3780 LT | 3841 t |
| Main Propulsion Machinery | | |
| Shafts | | |
| Number of Shafts | 2 | |
| Total Shaft Horsepower | | |
| Open Water | 4576 HP | |
| Ice Operations | 3900 HP | |
| Main Engines | | |
| Number of Engines | 2 | |
| Manufacturer | Caterpillar | |
| Model | 3606 | |
| Propellers | | |
| Variable Pitch in Kort Nozzles | | |
| Number | 2 | |
| Diameter | 8.6 ft | 2.65 m |
| Rudders | | |
| High Lift | 2 | |
| Generators | | |
| Number | 3 | |
| Rating | 700 kW | |
| Manufacturer | Caterpillar | |
| Model | 3508 | |
| Emergency Diesel Generator | | |
| Number | 1 | |
| Rating | 500kW | |
| Manufacturer Model | Caterpillar | 3408 |
| Cruising Range | 12,000 miles | |
| Endurance | 75 days | |
| Tank Capacities | | |
| Fuel | 245,400 gallons | |
| Fresh Water | 37,385 gallons | |
| Sewage and Wash water | 12,142 gallons | |
| Ballast | 322,218 gallons | |
| Accommodations | | |
| Crew | 16 | |
| Scientist and Staff | 28 | |
| Berthing Van Capacity | 9 | |
| Total | 53 | |