

Welcome Aboard!

THE RICHMOND SEA SCOUT SHIP

NORTHLAND

(Formerly the USS Phoenix TWR-771)

Vessel description & specifications:

- ❑ DIESEL POWERED, TWIN-SCREW, TRANSVERSE-FRAMED STEEL CRAFT; ALL WELDED STEEL HULL AND ALUMINUM SUPERSTRUCTURE
- ❑ LENGTH OVERALL 102' 2"; WATERLINE: 97'
- ❑ MAXIMUM BEAM (INCLUDING GUARD RAILS): 21' 2"
- ❑ MAXIMUM HEIGHT (EXCLUSIVE OF MASTS, ANTENNA, ETC.): 26' 6"
- ❑ DRAFT AT FULL LOAD: 7' 6"
- ❑ FULL LOAD DISPLACEMENT 368,900 LBS; LIGHT LOAD DISPLACEMENT 246,000 LBS; CURRENT WEIGHT APPROXIMATELY 110 TONS
- ❑ MAX CAPACITY {INCLUDING CREW}: 33,180 LBS
- ❑ MAIN ENGINES: TWIN 16 CYUNDER DETROIT DIESEL CORP 16V-149's WITH TWIN DISC MARINE GEAR, MDL MG-540; 900 SHP AT 1800 RPM (CONTINUOUS DUTY RATING); MAXIMUM HORSEPOWER 2,400
- ❑ PROPELLERS: ONE RIGHT- HAND / ONE LEFT-HAND, 3 BLADE, 55 INCH DIAM X 43 INCH PITCH, MANGANESE BRONZE, COLUMBIAN BRONZE CORP; HYDROSONIC STYLE
- ❑ DIESEL GENERATORS: TWO, 50KW, 450 VAC, 60 HZ, 3 PH
- ❑ ELECTRICAL: 24 VDC IS PROVIDED BY BATTERY BANKS AND THE DIESEL GENERATORS. OR SHORE POWER CONNECTOR THROUGH A RECTIFIER. 440/115 VAC PROVIDED BY DIESEL GENERATORS OR A SHORE POWER CONNECTON
- ❑ TOTAL POTABLE WATER CAPACITY: 2270 GALLONS
- ❑ TOTAL DIESEL FUEL CAPACITY: 8690 GALLONS
- ❑ TOTAL FUEL USAGE AT FULL POWER APPROXIMATELY 30 GALLONS PER HOUR
- ❑ BRAND NEW STERRING AND THROTTLE SYSTEM
- ❑ STANDARD USN CREW WAS: 1 OFFICER, 14 ENLISTED
- ❑ CURRENT SEA SCOUT ACCOMODATIONS 10 OFFICERS, 24 CREW
- ❑ TWO SEPARATE HEADS WITH SHOWERS
- ❑ FULL GALLEY AND MESS DECK
- ❑ BUILT BY BOLAND MARINE & MANUFACTURING CO., NEW ORLEANS
- ❑ ORIGINAL COST 2,300,000.00

DESIGNED FOR US NAVY TORPEDO RETREIVAL OPERATIONS. MAXIMUM TORPEDOES THAT COULD BE BROUGHT ABOARD: 21- 157 TONS LIFTING WEIGHT

ACQUIRED BY THE NORTHLAND NAUTICAL FOUNDATION IN 2004 FROM THE US NAVY AT PORT HUENEME, CA