

CASE STUDY

SeaBulk Tankers ATB Sea Power

CLIENT SITUATION

Seabulk Tankers' ATB Sea Power suffered catastrophic damages to its propulsion system while underway in the North Atlantic. On short notice, Rhoads' shipyard personnel were tasked with completing major repairs to the vessel's propellers, shafts, rudders and hull structure. Utilizing all of Rhoads Industries' multi-faceted capabilities, repairs were completed within a thirty-day period and the vessel was placed back into normal service.



RHOADS SOLUTION

Originally assumed to be a minor shaft strut failure, hull examination in Rhoads' dry dock No. 2 discovered major failures in both port and starboard shaft struts, necessitating removal of both propellers, rudders, shaft covers, and shafts. Also replaced were all line bearings, along with re-alignment of the vessel's starboard reduction gear and both engines. Rhoads supported in the coordination of all OEM technicians, as well as the employment of heat treatment and alignment specialists. Rigging and ABS welding of massive 10' x 27" x 4" thickness weldments required round-the-clock support of Rhoads personnel and subcontractors.

RESULT

These major engineering repairs conducted by Rhoads, on an extremely tight time schedule, resulted not only in restoring the vessel's operational capability, but also in a marked improvement in the reliability and overall operational effectiveness of the propulsion system of this complex vessel.

Contact us today to
learn how Rhoads
Industries can help
with your next project.

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