

Seaway Heavy Lifting

Oleg Strashnov heavy lifting vessel - DP3 - 2010

For this innovative high quality heavy lifting vessel of Seaway Heavy Lifting, we developed a diesel-electric propulsion concept, featuring a redundant energy generation and propulsion system.



Specifications

- ✓ Propulsion thrusters 2 x 5,000 kW azimuth underwater (dis)mountable
- ✓ DP thrusters 2 x 3,500 kW azimuth retractable midship
- ✓ Tunnel thrusters 2 x 1,1012 kW / 1,145 kW
- ✓ Main diesel generator sets 6 x 5,400 kVA
- ✓ Emergency diesel generator set 1 x 1,000 kVA skid-mounted

The thrusters are fed and controlled by direct water-cooled Bakker frequency converters in order to optimize the availability together with the Kongsberg ship management and DP system (DP3 notation).

Bakker Sliedrecht engineered and delivered the control system and automation for the powerful ballast water system. This turn-key project, executed by the Combination Croon Bakker, also includes switchboards, control desks, cabling and training.