

## Standard dry docking, extensive repairs and upgrades of 'SEABRIGHT'



*Date of arrival: 12 October 2015  
Date of departure: 16 February 2016  
Vessel's name: M/V SEABRIGHT  
Vessel's type: Oil / Product Tanker  
Gross Tonnage: 29993  
Deadweight: 45800 t  
Length x Breadth: 183,00 x 32,20 m  
Year built: 2006*



Our longtime, over 22 years client, the major Greek shipping/management company Thenamaris Ship-management, chose to award Odessos Shiprepair Yard for repair work to 'Seabright'. She had to carry out standard dry docking, extensive repairs to the tailshaft/ stern tube arrangement (due to bent stern tube, bent tailshaft and destroyed stern tube bearings); also a number of upgrades.

### MAIN WORKS PERFORMED:

1. Standard drydock works - hull treatment, anchors/chains, anodes, etc.
2. Removal of propeller, rudder blade, tailshaft and intermediate shaft
  - Complete measurements of alignment of shafts-/bearings, Main Engine, stern tube, including laser test, jack-up tests, sag-and-gap measurements
  - Stern tube - machining of fore and aft bearing seats for proper alignment
  - Renewal of stern tube fore and aft bearings
  - Tailshaft and intermediate shaft, machining of all journals on lathe, also tailshaft's taper end and all coupling flanges - faces, bolt holes, sides; fabrication of new sets of coupling bolts
  - Precise grinding and fitting of tailshaft taper end to propeller internal taper
  - Main Engine re-alignment and chock-fasting, intermediate shaft bearing re-position
3. Repair of Main engine and Auxiliary engines and reconditioning of details :

- Cylinder covers
- Exhaust valves, other valves
- Piston units, stuffing boxes
- Cooling jackets
- Bearings - main, crank pin, crosshead
- Turbochargers, air coolers, other coolers, heaters
- RPM governors

4. Repair different pumps (cargo, ballast, fire/gen. service, stripping, etc.), el motors, alternators

5. Repair of deck mooring gear - windlasses and winches dismantling and re-bushing, recondition of shafts' journals, etc.

6. Construction of new stern cargo line
  - Cargo Line 12", st. steel , incl. valves, pipe support structures, etc.
  - Stripping Line 1 1/2", st. steel , incl. same
  - Chemical pasivation of the new lines internally
  - Aft manifold arrangement incl. crane, work platform with spill tank, fire gun, foam fire line modifications, etc.
  - Modification of the poop deck structures and equipment as appropriate.

Client was very much satisfied by the good cooperation and prompt response of the Shipyard for effecting of extensive and sophisticated repairs on the Main Engine - Intermediate Shaft - Tailshaft - Stern tube and Bearings.

