

## Cast to fit of rudder pin bearing house

**Application:** Cast to fit of rudder pin bearing house

**Place:** Piraeus Drydocks, Greece

**Date:** June 2009

**Job and report done by:** Marine team, Greece

**Wencon products used:** Cream, Cleaner, Release Agent, appl. tools



**Introduction:**

Bearing housing of the rudder pin damaged due to friction, applied in operation between bronze bearing and bearing housing.

Two possible repair procedures considered. First solution was to repair the internal diameter of the housing with a portable lathe machine and then manufacture an oversize bronze bearing to fit. An expensive and time consuming solution.

Second solution was local repair, by using Wencon Repair System.

Second solution was chosen.

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Blasting of bearing housing using Wencon Blaster.

3. Cleaning of bearing housing using Wencon cleaner.



4. Apply Wencon Release Agent on the outside diameter of the bronze bearing.



5. Wencon Cream applied inside the bearing housing.



6. Assembly of the bearing into the bearing housing.

