



## Work card 10 305-01

### Dismantling of propeller blade

Safety precautions	Man power	Tools
<ul style="list-style-type: none"> <li>● Engine stopped and blocked for start</li> <li>● Propeller shaft locked for rotation</li> <li>○ Propeller shaft locked for axial movement</li> <li>● Shut-off stern tube lubricating oil system</li> <li>○ Hydraulic power unit stopped and blocked</li> </ul>	<p>Working time: Approx 2 hours/blade</p> <p>Capacity: 2 men</p>	<p><b>Special tools</b></p> <p>Lifting tool</p> <p>Spanner for blade screw</p> <p>Lifting eye screw</p> <p>See plate 3 4510</p>
Data		Replacement and wearing parts
Plant specific data: Chapter 3 05		Plate no: 3 1005

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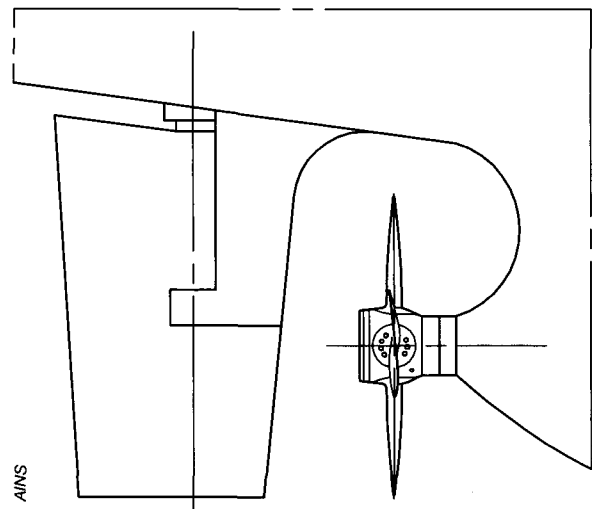
**Starting position:** Scaffolding etc prepared to achieve adequate working conditions.



### Procedure

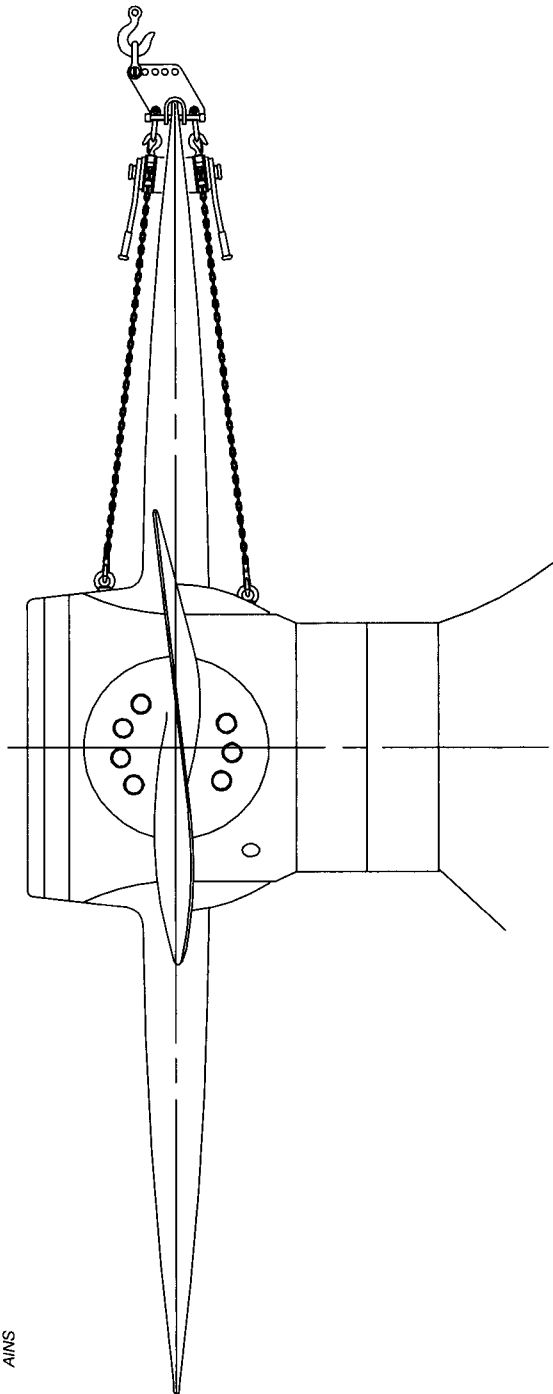
1. The blade in question to be turned to its top position (12 o'clock), see fig 10.17.
2. Remove the securing wire from the blade screws.
3. Loosen all blade screws and remove the four screws next to the threaded hole for the eye screws in the blade foot.

**Fig 10.17**



**Position of propeller blade**

Fig 10.18



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**Dismantling of propeller blade**

4. Install the eye screws in the blade foot.

5. Fit the lifting gear on the blade, see fig 10.18.

**Warning**

*Only tighten lifting gear until chain is no longer slack.*

6. Remove the remaining blade screws and carefully lift the blade.

**Note**

*Before lifting check that the weight does not exceed the SWL of the lifting gear/beam, see Plant specific data chapter 3 05 or the weight stamped on the blade foot.*

**Warning**

*Be aware of sticking due to the fitted guide pin. It is important that the lifting direction is parallel to the guide pin.*

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