

Marine Safety Forum – Safety Flash 08/22

Issued: 4 June 2008

Subject: Handle of Davit Ring Latched in to Henriksen Hook.

During a workboat recovery the davit lifting ring handle was engaged into the Henriksen hook rather than the load bearing lifting ring. Before the hook could be released again, the swell dropped causing the load to go onto the handle. Subsequently when load was applied the weld on the handle fractured and the handle parted.

Thereafter the load bearing ring was engaged in the Henriksen hook and the recovery proceeded without incident. The lifting ring has been removed from service.



Findings

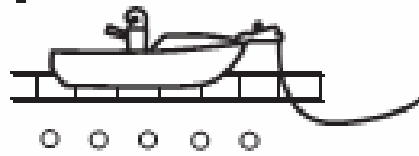
- Handle being engaged rather than load bearing eye.
- The ring has been mounted the wrong way (upside down), the open gap on the handle is meant to be downwards so that if the hook is inserted inside the handle the ring handle will only take a limited force before the hook slips out of the ring handle.

Conclusions

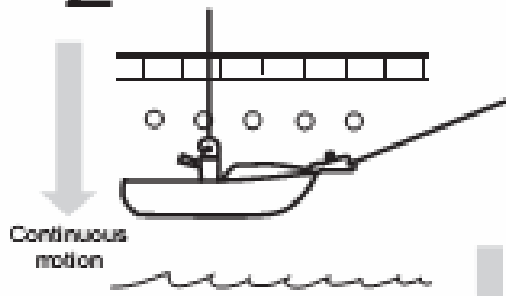
- Small boat crews reminded about proper hook-up techniques.
- New hook installed.
- Spare rings w/handle to be ordered ASAP.
- Also never weld, heat treat or otherwise repair on such a lifting ring. All lifting rings of this type are heat treated to achieve the correct strength; changes in this may result in reduced strength.

SAFE LAUNCH

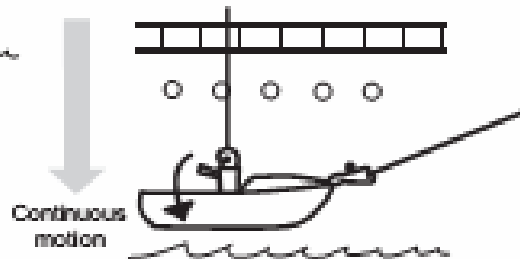
1 Before launch



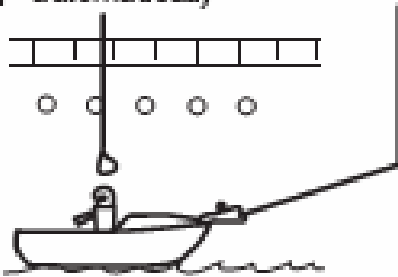
2 Lowering



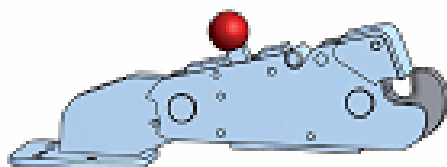
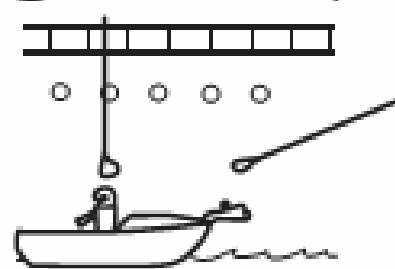
3 Activating hook open



4 Hook opens automatically



5 Painter released when crew is ready



We recommend using
H. Henriksen Painter hook



H. HENRIKSEN
MEK. VERKSTED A/S

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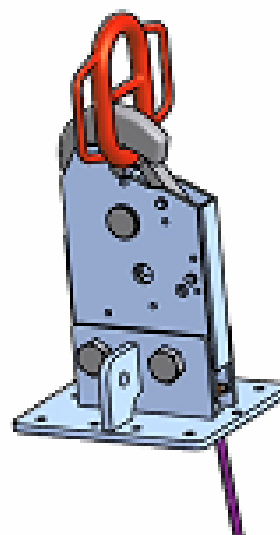
LIFTING RING



DOWN

IMPORTANT!

Always use standard
Henriksen lifting ring
because this fits
geometrically to the hook.
Mount with opening down.
Check the ring for corrosion
and deformation.



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