

Boom outhaul replacement

It was not possible to take advantage of the outhaul with the sail becoming a bit older, it was a missing feature. So after a bit of fighting with the boom, I was able to tear it down and see how it looked.

One of the challenge was to remove the end caps, I guess they haven't been removed for a very long time, maybe never?

Hardware

On each end caps, I replaced the screws with 8 x $\frac{1}{4}$ -20 x $\frac{1}{2}$ " SS Hex Head Bolts

The new system is composed of two ball-bearing Harken bullet blocks:

- Harken #085 Double Block w/Becket (<https://www.westmarine.com/buy/harken-29mm-double-bullet-block-with-becket-114314>)
- Harken #086 Triple Block (<https://www.westmarine.com/buy/harken-29mm-triple-bullet-block-114322>)
- 30' 5/16 line back to cockpit.
- Spinlock PXR Single Cam Cleat for control in the cockpit (<https://www.atlanticriggingsupply.com/sppxcamcl.html>)

This has been a huge improvement on the sail control! You can see some pictures and references below.

Photos

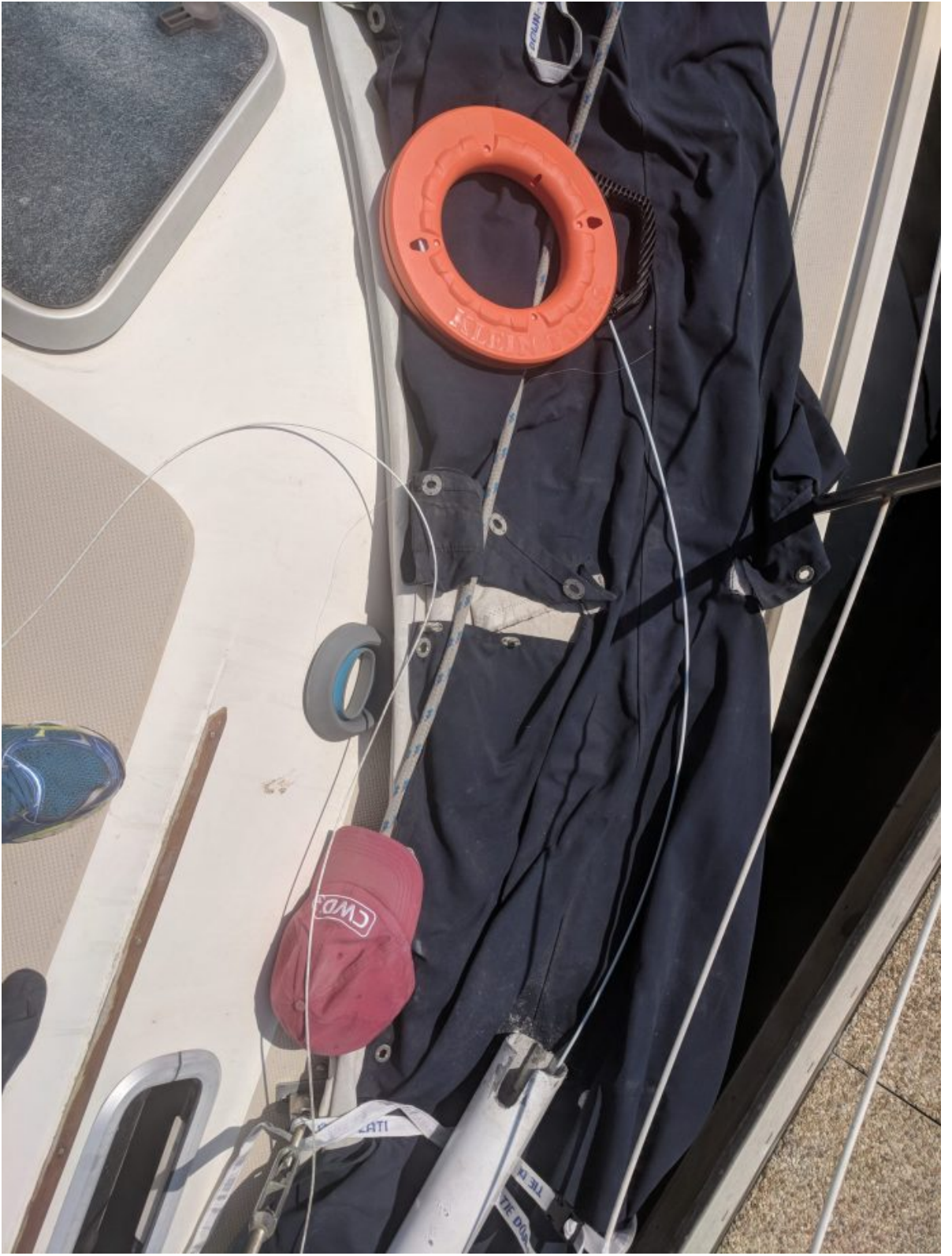
















Catalina Direct
1100 N. GARDEN AVENUE
SUITE 100
DANA POINT, CA 92629
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WWW.CATALINADIRECT.COM

11863
SHEAVE MASTHEAD ROPE C-25, C-27, C-28, OUTRIGER SHEAVE FOR C-28 C
\$8.95

21863
SHEAVE MASTHEAD ROPE C-25, C-27, C-28, OUTRIGER SHEAVE FOR C-28 C
\$23.53

Subtotal: \$112.48
Shipping: \$2.50
Tax: \$6.50
Total: \$121.48

APR 20

Thank you for your order!
Please check your shipment for accuracy today. Claims for shortages must be made within 10 days of receipt. Returns are welcome in new condition within 30 days of shipment. Cash refund of return for an item number. Returns without an item number will be refused. Cut goods including any and all custom items including custom rigging are not returnable.

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SHEAVE MASTHEAD ROPE C-25, C-27, C-28, OUTRIGER SHEAVE FOR C-28 C







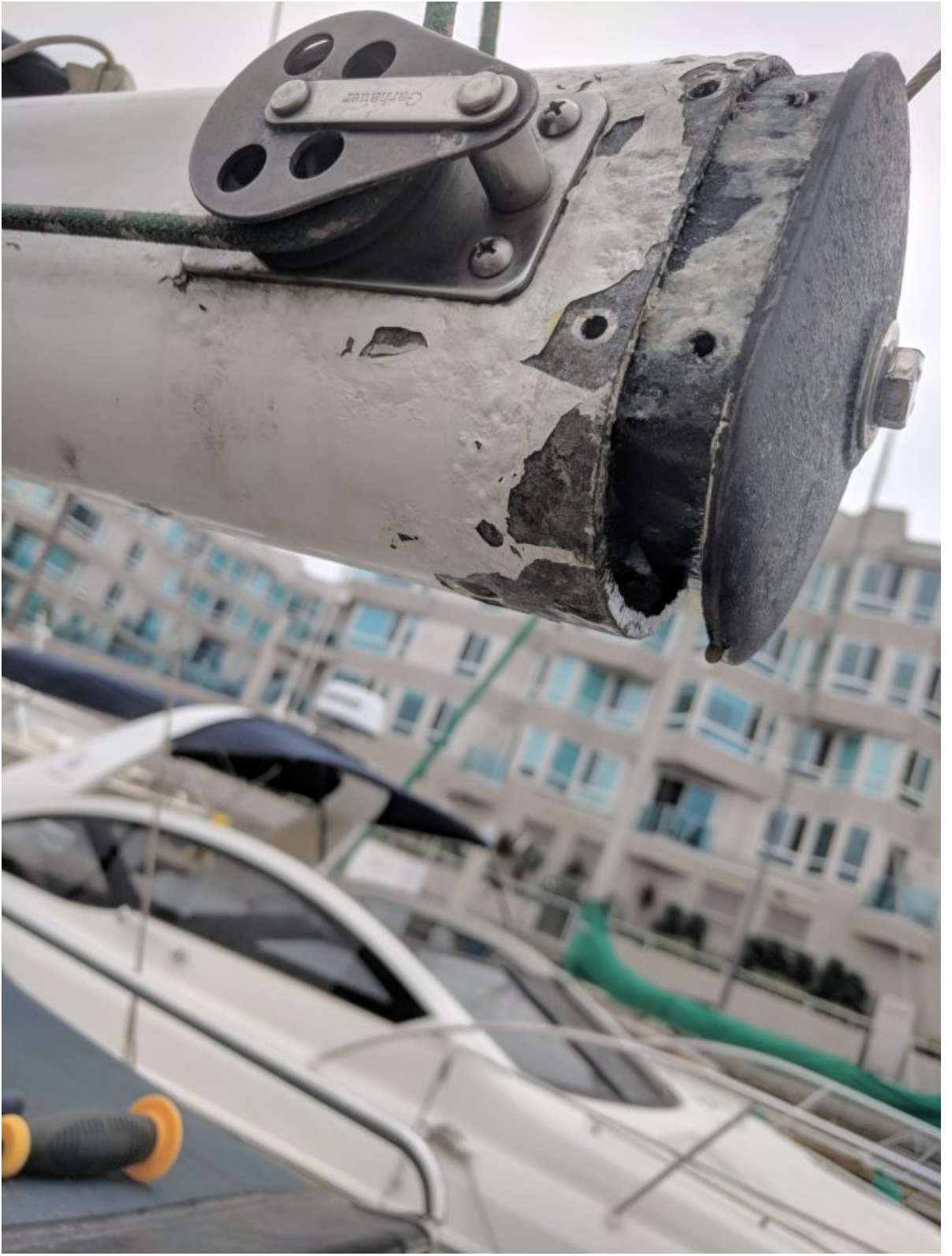






























References

<https://www.catalinadirect.com/index.cfm/product/1139/boom-end-casting-c-28-c-30-c-34-c-36.cfm>

Boom end:

<https://www.catalinadirect.com/index.cfm/product/1139/boom-end-casting-c-28-c-30-c-34-c-36.cfm>

Ball bearing for boom ends:

<https://www.catalinadirect.com/index.cfm/product/11/masthead-sheave-ball-bearing-c-25-c-27-c-28-outhaul-c-28-c-30-c-34-c-36.cfm>

Catalina 34 outhaul post:

<https://c34.org/bbs/index.php/topic,6301.msg40823.html#msg40823>

Julandra reference: <https://julandra.shutterfly.com/274#277>