

Hi Michael,

Here is a brief description of my modification and fitting of the Masina Malosi to an Aqua Signal series 40 tri-color

I wanted to have a strobe light as part of my masthead tricolor light but save for the Lopo light at great expense, the only other light was the series 40, which was huge and had a regular 25 w bulb. I looked around at other setups but wasn't happy with what I saw. So I went about modifying my existing light.

I first carefully cut the lense in half and then removed the top part of the housing, which is bonded to the lense with goop. I then rebounded the bottom half of the lense to the top part of the housing with 3M 5200 and then drilled holes to mount a waterproof strobe I purchased at an Electronics store .I bonded and fastened the strobe with 3M 5200 and ran the wires down the lense at the joint between the red and green pieces (be real careful when the lense is not bonded to the housing as it has a tendency to part at the joints, but can be fixed with super glue CA) to some bayonet type fittings. With the strobe bonded to the lense the profile turned out much shorter than the regular Series 40

Tricolor/Strobe/anchor. I then removed the regular bulb fitting from the base by removing the 2 screws and discarded the fitting. I purchased a 1" PVC end fitting from the local Home Depot, which is flat on the end, and sanded the molded writing off of it then measured and cut it to the correct length to have the Malosi leds line up at the best place on the lense. I then drilled mounting holes in the bottom and filed 3 slots in the side with a rat tail file for air .3 holes where carefully drilled in the bottom of the Malosi to accept small cable ties (the Malosi could also be bonded to the base if you don't envision removing it) which where used to attach to the pvc part mounted to the base.

I then connected the Malosi and strobe wires to the 2 conductor wire I had in place on the mast already .I used 2 schotky diodes to help protect either unit from reverse polarity as I have wired it to a double pole double throw centre off switch, this is not really necessary as both units are polarity protected, but I have no room for error as the boat it is going on to is my Open 50 single handed racing sailboat which has already raced in 2 round the world races. I hope the attached pics and explanation will help others in fitting their Bebe lights.

Best regards Troy Bethel

Yacht Nanuq

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¹ Complete light ready for fitting





² Pics showing the Malosi mounted with cable ties to pvc part which in turn is screwed to the base



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³ PVC fitting before modifying to fit



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⁴ Nanuq sailing in a prospective sponsors colors