

**Object: Commander Beadon's Improved Life-buoy, 1843**

**Owner: National Maritime Museum**

**Before treatment:**



**After treatment:**



**During treatment:**



This figure shows the model (starboard side) partially through cleaning using 50/50 distilled water/Industrial Methylated Spirits. Note the drastic difference in colour. This colouring would have made the buoy more easily recognisable in the water.



There was a great amount of loss to the painted surface. 5% Paraloid B-67 in white spirits was used for consolidation, as well as for a barrier layer on the bare metal. Noticeably large areas of loss were inpainted using a mix of acrylic paints. 5% Paraloid B-67 in white spirits was used as a barrier layer for the inpainting and a protective barrier coating of Renaissance microcrystalline wax was then applied over the entire surface of the model.

The top metal circlet was reattached to the body of the life buoy using HMG Cellulose Nitrate.

