



# Slinden Services Ltd

Cast Iron Welding and Engineering

MAN 8L28



## On Site URGENT Call out!!!!

Slinden Services were called to the rescue of a Bulk Carrier in Southampton Docks.

Our Team of Engineers travelled to site to inspect the damaged marine block on this vessel.

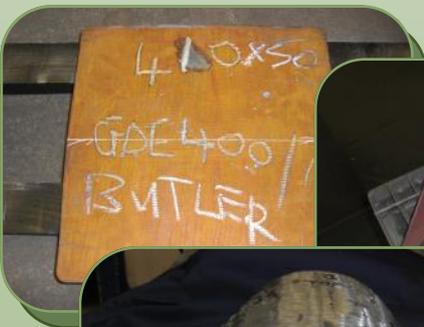
As you can see from the photographs the Con-Rod had let go and smashed through the liner and the block, causing a large hole of approx. 350mm x 280mm in the water jacket to scavenge air.

It was decided the best course of action was to fit a patch in this area-made from the same material as the block.

Detailed measurements and a template were taken and a cast iron piece was purchased from the local foundry and taken back to our workshop for final shaping and machining.

The above work was undertaken within 24 hours of the site visit.

Once our Engineers were happy that the correct profile had been met-they headed back to Southampton Docks with the Cast Iron Patch, the very same evening to continue the urgent repairs.





The hole was dressed to the correct profile to accept the new iron patch into the original block and then stitching work began.



Working throughout the night using our Lock and Pin methods, the patch was carefully stitched into place.

Next came the final part of the operation which was to make sure the patch was water tight and no leaks were apparent.



Using our approved NDT inspection the Engineers were able to show that the repair was free from leaks and a great success!

The block was again water tight.



The client was very impressed with the quality of work and speed in which we expedited the repair to avoid the vessel losing costly hours.

For any URGENT On site Enquiries contact the specialists today.



- Full Pressure Testing
- Full Crack Detection
- Fixed Cost Repairs
- Machining Facilities
- All Work Guaranteed

*Breathing new life into  
damaged cast iron components*

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