

## The BTR – Wharf Crane for Shenanigan's

The Coal Wharf at Shenanigan's transships coal out of railway Coal Hopper Wagons into Barges or ocean going ships for coastal journeys or export abroad. Based on those at South Brisbane.



Those Coal Wharfs had 10 Ton Wharf Cranes to lift Coal Hoppers off their under carriages.



Their appearance changed over the years, the raw structure configuration is depicted above.



Close up detail of a typical and yet lighter type of Grafton & Co. crane made in Bedford, UK. The South Brisbane versions had “beefed-up” sloped side plates at the jib end.

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The “beefed-up” sloped side plates at the jib base can be seen in these photos.



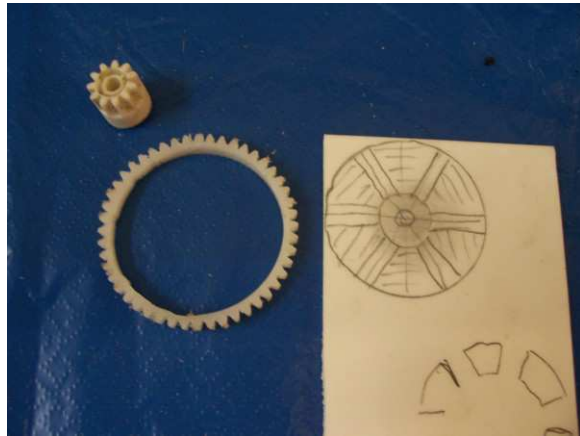


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The collection of bits and parts awaiting trial fitting then final assembly of the model.



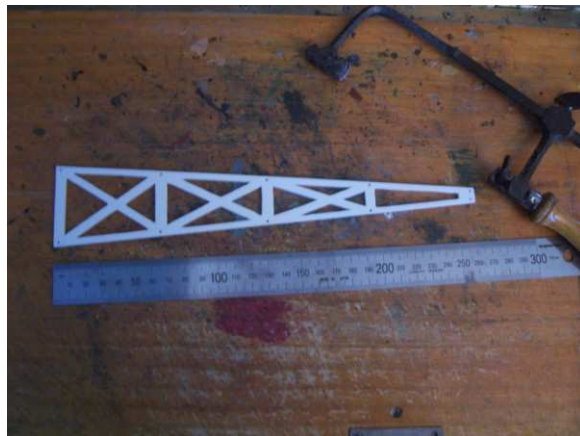
Boiler roughed out for rivet overlays.



Gears ready for sprocket centers.



Roof sub-assembly (inverted)



Jib bracing fretted out of 3mm styrene.



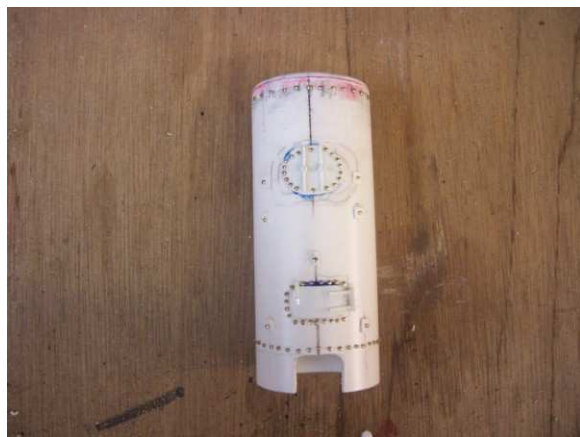
Aluminium "I" beams screwed to fret.



This is the top side of the Jib.

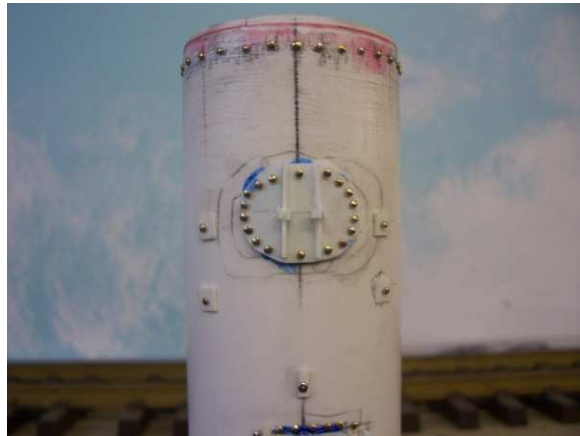
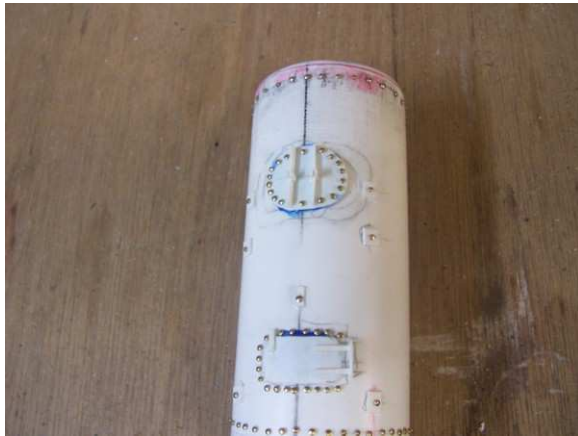


The boiler under construction.



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Rivets all in place. These are pin heads in holes drilled into PVC U drain pipe.



The delivery of the new out-of-shop Boiler painted and ready to install on Crane base plate.

More photos will be added here as work proceeds.



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Trunnions and bearing ring detail.



Winch side frame and cable drum detail.



Makers cast-in name & origin.



One of these cranes had a curved jib tip.

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