
Sandfly Locomotive Restoration Project

MVEC

In 2008, the MVEC raised concerns with the NT Government over the deterioration of the “Sandfly” locomotive from salt exposure corrosion, as the result of being openly displayed on Stokes Hill Wharf.

In response, the MVEC was invited by the NT Government to undertake the restoration of the “Sandfly” within a 12 months timeframe.



ARRIVAL AT QANTAS HANGAR

July 11, 2008



UNLOADING THE SANDFLY

Leo Izod's forklift proved invaluable to the restoration project



DISMANTLING IS UNDERWAY



NEARLY THERE



FRAME LIFTED OFF WHEELSETS



RESTORATION COMMENCES

All components of the locomotive were abrasive blasted, where possible, and painted with POR15 protective coatings to minimise further corrosion.

A range of industrial top coatings were then used to provide the optimum long lasting finish.

WE CALL HIM - "THE STIG"



He worked tirelessly
in the blasting
cabinet.

Peter Soulos,
unmasked at last



WHEELSETS REFURBISHED



Ready for the Axle
Boxes

“POR15” Protective
Coatings



AXLE BOXES REFURBISHED

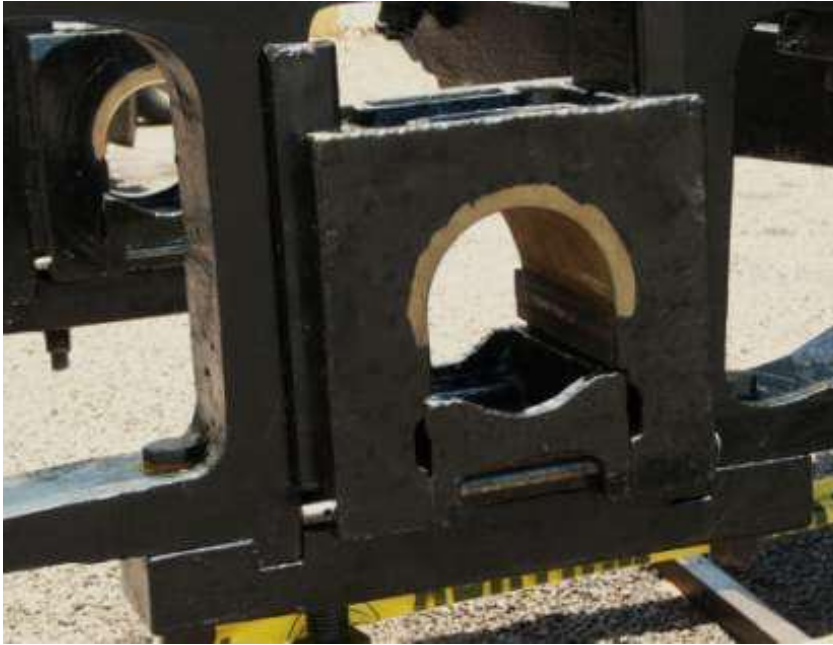
Ready to be re-fitted to axles



FRAME READY FOR REBUILD



AXLE BOXES, WEDGES & KEEPS FITTED & ADJUSTED IN FRAME



MOTION GEAR READY FOR PROTECTIVE & FINAL COATINGS



THERE WERE PLENTY OF BITS TO RESTORE



And yes, we knew
where they all
belonged



FRAME READY TO LOWER ONTO WHEELSETS



Shows how the Adelaide River railsets allowed the restored wheelsets to be rolled out of the carport ready for the frame to be lowered onto the axles.

BACK ON HER WHEELS AT LAST

Rowan and Tom engage in wild
celebration



TIME TO REPAINT THE CAB



Kurt applying
some Dulux
“Brunswick
Green”)



BUFFERS BEFORE AND AFTER



Restored by Barry Stach - painted with Dulux "Glowing Coals"



SADDLE TANK REPAINTED

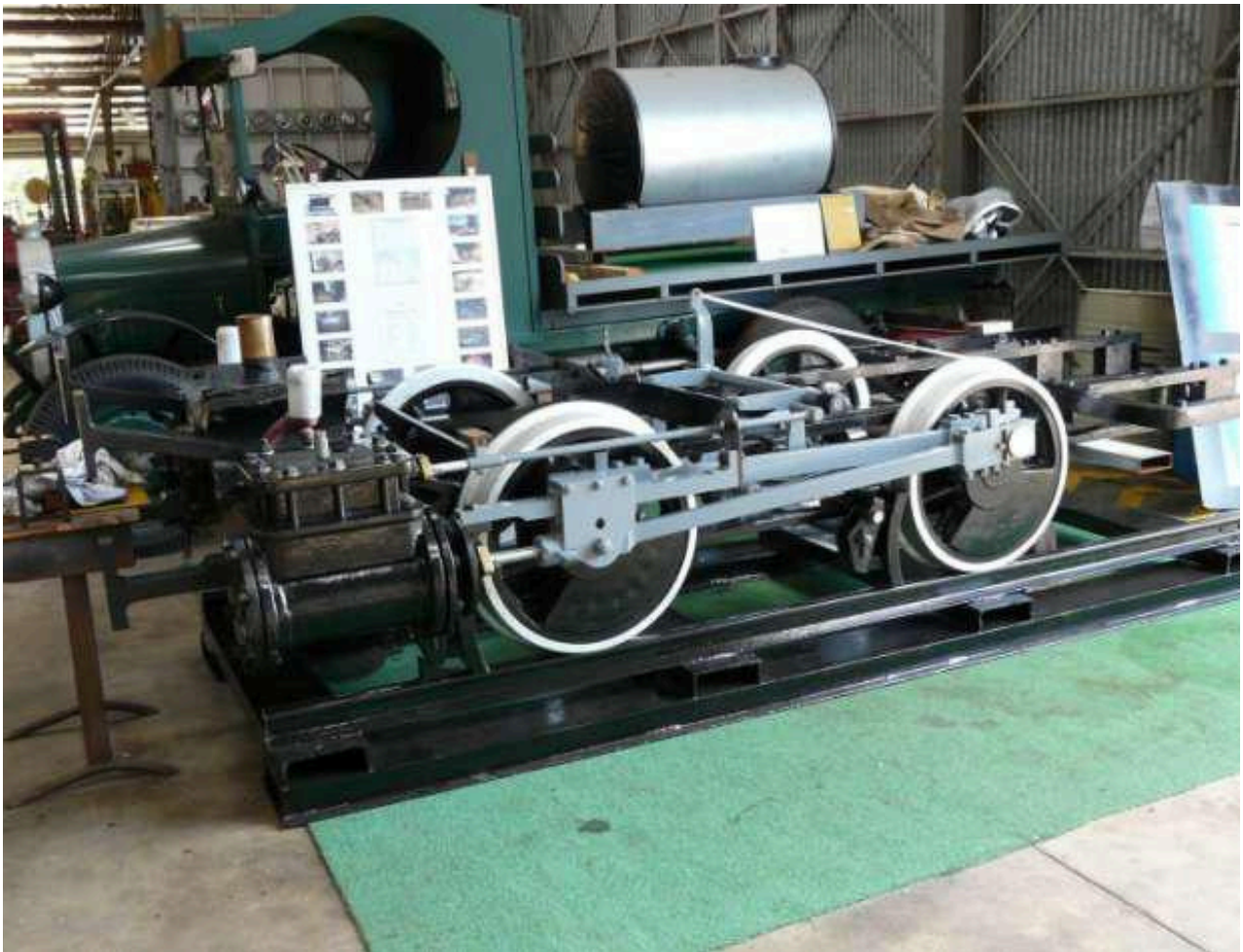


Dulux “Brunswick Green” super enamel does the trick



ROLLING CHASSIS PLACED IN HANGAR

All motion gear re-fitted



BOILER RESTORATION PROCEEDS

Static preservation only – Not for live steaming



Cladding back to bare metal

Primed and ready for painting



BOILER LIFTED BACK INTO FRAME

With help from “Richard’s Cranes”, 29 January, 2009)



SADDLE TANK LOWERED ONTO BOILER

So nice to be working inside the Hangar



PAINTED FINISH LOOKS THE PART



"Septone" Gold
Chrome

Copper Metal Spray



NOW FOR THE OLD BUFFERS



That's brightened
her up.

Barry Stach and his
handiwork



NEARLY THERE



FINAL TOUCHES TO PAINTWORK



FINISHED AT LAST

Back L-R: Tom Bertenshaw & Rowan Charrington

Front: Peter Soulos, Leo Izod, Kurt Mussiger & Barry Stach



WHAT A BEAUTY

Well Done MVEC



Heritage Listed “Sandfly” Locomotive Restoration Project – 2008/2009

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