

Mechanical Department Report  
Board of Directors Meeting October 2023  
DS Elems: CMO

It's been a busy and productive October thus far. We've made major progress on SP2873. Nick Manos was up for a week and a half from the end of September into the first week of October helping me with 2873 and turning things around in the wood shop. I have quite a few pictures of the work on 2873, as well as the annual inspection of WP1503 last month; I hope to get these sorted through this month and eventually writing something up.

The radiators were placed into 2873 last weekend (Oct 6 & 7), and the hatch placed and wired back up yesterday afternoon. The new radiators are leak free, as are the water pumps that were both rebuilt over the last two seasons. Resealing the overspeed trip housing drain lines required removing quite a bit of stuff, which all had to be reinstalled with new gaskets; no oil leaks so far. The layshaft had a bad ball bearing at the fuel control rod from the governor; this was replaced thursday the 12th and the control rod is now steady and there is no more hunting from the governor.

There is some more ongoing work to be completed, such as repairs to the car body up front that has been rusting through. I'll be making and donating new number boards next week. The class light lenses need to be replaced on the front, and we plan to reinstall the rear lenses at some point.

I'd like to recognize the following volunteers: Nick Manos for the extensive hours he's put in these last two months helping me with mechanical work (not to mention putting up with me). Brian Waller has been patching the rusted out holes on the nose of 2873. Roger Stabler has been a huge help, assisting with repairs and painting of 2873's radiator hatch in between his various tasks on WP165. Steve Lee has been up this past week, likewise assisting with cleaning of the radiator fan hatch, priming the upper surface etc in addition to 165 work.

At the moment, I'm formulating the plans for the spring 2024 equipment work schedule; I expect to have that more or less finalized for next month's meeting.