

Mechanical Department Report

June 1, 2019

Acting CMO DS Elems

Not too much has happened since my last report three weeks ago. Several things have come up such as trying to get the Zephyr dome cars tarped and putting more time into the Safety Department, as well as the usual requirements at work and school. Luckily those last two items are behind me for the season. On a positive note, all the cabooses received centerplate servicing prior to the first operating weekend.

An update affecting several of our locomotives: all locomotives that are planned for service this year have had their fire extinguishers serviced for the year along with the those in the shop. I'll talk more about that in the Safety Department report.

We are hoping to finish up the work on QRR1100 this coming week so the locomotive can be placed back in service. Not much has gone on with it in the last three weeks as of things have come up, and the weather lately has been problematic when we've wanted to go work on it outside among our many other projects.

WP2001 was close to being finished with its annual inspection and had a rental scheduled for May 24, so work on in was given priority the week of the 24th. Ultimately the rental got moved to later this month but we decided to finish the last couple of items and put the locomotive in service. Unfortunately the alarm bell rings when the locomotive is placed on-line, and np fault is indicated on the control panel. We suspect that one of the power contactors or the starting contactor is hanging up and the interlocks are open. Hopefully that will be sorted out later this coming week.

With the multitude of projects and issues coming up in the last several weeks I've let some things fall through my schedule. I plan to start the renewed price quoting for injectors next week, along with getting quotes for the wheel truing brake shoes and cutter inserts for the wheel lathe.

As mention above, the cabooses received centerplate servicing this month, courtesy of our lead car foreman Phil Schmierer. The centerplates underwent visual inspection and renewed lubrication. Everything seemed to go ok and nothing of note was found. Hopefully with the addition of new lubrication discs some of the cabooses will track around the balloon a little better this season.

Inspection & Service Schedule

The current rotation of locomotives through annual inspections and return to service in order is as follows, effective dates are non-projectable:

1. QRR1100: Finish battery work
2. WP2001: Find and repair low voltage system electrical issue
3. WP707: Needs injectors replaced and associated work, full annual inspection.
4. WP1503: Needs radiators replaced, full annual inspection, fuel injectors and rack adjusted.
5. Inspect and evaluate WP512 for viability. If close enough to operable it will need a full annual and wheel work.