

NG10 Boiler report from Keith Stevens

To date we have removed all the boiler barrel sections which will be replaced with new pieces which we have already acquired. We are still busy drilling a few stays and rivets on the firebox (there are 304 stays to be removed and 150 rivets to be drilled out). We have also cut a big section out of the backhead and throat plate of the boiler for replacement.

We are at present hopefully soon to be a position to remove the firebox to enable us to measure up and manufacture a new one. Also we have to drill out and remove the remains of the crown stays in the outer wrapper +/- 80 and remove the remaining parts of the longitudinal stays.



Removing rivets



Rivets removed



Stripping the dome section



Cutting the stay heads off



The crown stays after being cut off



The throat plate stays being drilled out

The boiler barrel also has a large bulge that must be attended to and our pictures from Keith show the work to repair the bulge.



The extent of the bulge in the NG10 boiler barrel



Heating the area prior to the pressing out of the bulge



Pressing out the bulge in the boiler barrel