

## PROJECT 27 UPDATE

June 2015

As the month draws to a close, it also brings the initial stage of the restoration to a close! We have now removed virtually all of the pieces we need to. To continue with the restoration much hard work will now be carried out which, if you look at the loco on a weekly basis, you would be hard pushed to see what has changed! Much of the work for the next few months will consist of chipping and wire brushing to remove the build-up of corrosion. This will allow for further inspection to take place, setting out datum points to be identified and measurements to be taken for any new components that may be required. It is also a precursor to the final preparation of the components before painting.

The cylinders have had the blanking plates removed and are being measured and compared with the drawings to enable a set of pattern makers drawings to be produced. Discussions are underway to determine the best method of constructing a pattern for the sand casting procedure, including wood, polystyrene or 3d printing. The number of castings to be produced will have a bearing on the method of pattern manufacture.

Various datum marks have been identified on the frames of the loco, including those to locate the cylinders and the centrelines of the axleboxes. These are important and will be invaluable when it comes to reassembling the locomotive. As the marks are being located, after careful cleaning, they are being centre-poped and identified with a small circle of white paint.

The corrosion will need to be completely removed from the frames and other components before any major painting can take place. Looking at the condition of the frames in particular, it is likely that the work can be carried out using electric wire brushes and some minor needle gunning. The rear section of the frames will need to be removed and new material welded in, but that is believed to be a fairly straightforward repair, and indeed a similar procedure to that carried out on the H class a few years ago, and, of course, on the class 2 tank conversion.

The main focus for the next few months will be on the frames and any amount of chipping, wire brushing and sanding will take place, in between tea breaks and banter! If you would like to come and help on this mammoth task, you will be welcome!

We will be having a "Monster" sales and information stand at the model Railway show this weekend. Located in the Birch Grove Suite at Sheffield Park, we will be fundraising in the usual way, but will also have some second hand model railway items and books for sale. There will be a small display of models and a couple of small "tail-chasing" model railways provided by Clive Emsley. Don't forget to visit the other displays at various sites around the railway as well!

We will also be having a stand in August at the Bluebell Railway Vintage Weekend in the field at Horsted Keynes where we will be giving out information and doing a bit of fundraising at the same time!

If you require any further information, or if you would like to offer assistance in any way with the project, please E Mail us at [thefenchurchfund@gmail.com](mailto:thefenchurchfund@gmail.com) and also please don't forget to look at the project's blog page at <http://wainrightsfineestsecr27.blogspot.co.uk/> . This is updated on a weekly basis so the best place for right up to date news and information.

Thank you

Clive Emsley , Chairman of the Fenchurch Fund/Project 27