

THE WARRIOR

The Newsletter from the LMS-Patriot Project

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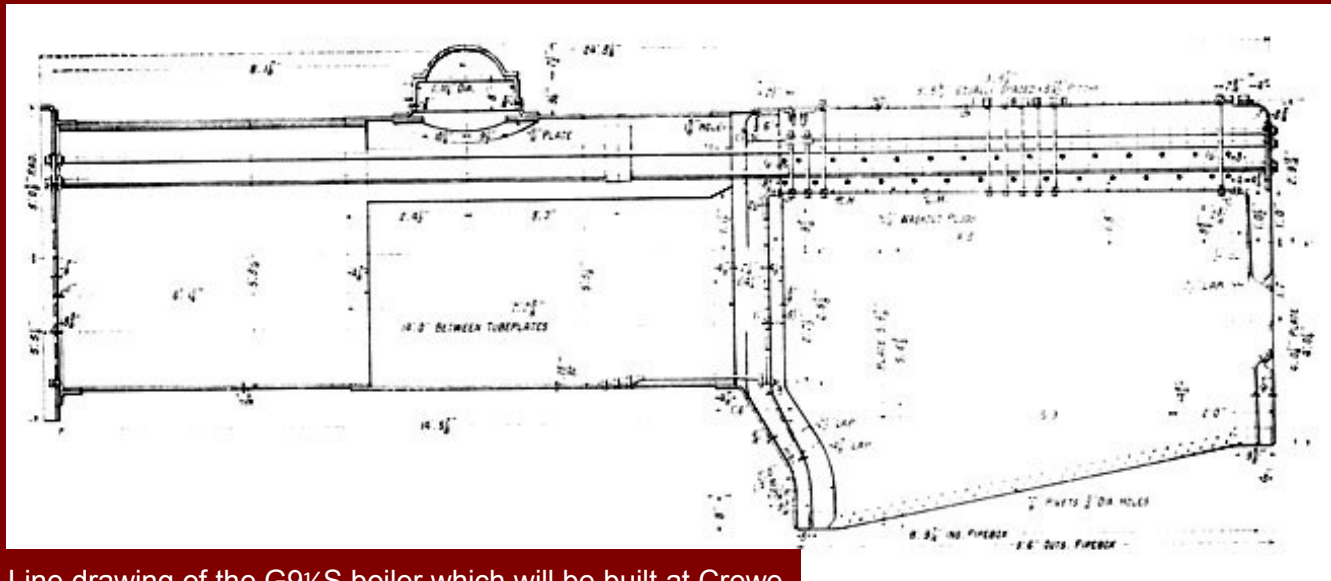
January 2012

Issue 13

The LMS Patriot Co. Ltd. Company Registered in England & Wales No. 6502248 Registered Charity No. 112352

Boiler Appeal Launched For 'The Unknown Warrior'

By David Bradshaw, Chairman



Line drawing of the G9½S boiler which will be built at Crewe

The LMS-Patriot Project Board is pleased to announce that we have launched the Boiler Appeal for the new parallel boiler that will be built for 'The Unknown Warrior'. This announcement is being made first to you our Members, recognising that you have provided the majority of support and donations for the Project to date. I am delighted to be able to confirm that we are now in a position to fundraise for the largest and most expensive component that is needed for 'The Unknown Warrior'. We are therefore appealing directly to you for the first part of the boiler that will be ordered - the copper sheet for the firebox.

At today's prices this will cost £75,000. Please see my appeal letter, on behalf of the Board, which is being sent out to you with this issue of 'The Warrior'.

The total cost of the new boiler is likely to be in the region of £½ million. We previously announced at our 2010 AGM that LNWR Heritage at Crewe are our preferred bidder for the construction of the new boiler, which is likely to involve a number of workshops and engineering companies in the UK. As previously stated the boiler will be of traditional construction with a copper firebox. Please help us start 2012 and the Boiler Appeal in a positive way.

Members' Day 2012

This year's Members' Day is due to take place at the Llangollen Railway on Saturday 7th July. This date has now been confirmed with the Llangollen Railway who will be hosting us again for the second year. The day will follow a similar format to last year's event with two round trips to Carrog, (or possibly to Corwen) if the new extension is open, a

buffet lunch and a guided tour around the Llangollen Works to see the latest progress with 'The Unknown Warrior'. Tickets are £20 each. Please send a cheque to the PO Box address, stating how many tickets you require. Owing to the tremendous success of last years' event please book early so we can advise the Railway of numbers.

Engineering Update

By David Bradshaw



Two of the new driving wheel springs.



Newly machined spring hanger and spring hanger pin.

Locomotive:

- * All six driving axleboxes have been cast. These are currently at contractors in Southam (Warwicks) being machined.
- * All six axlebox keeps and six brass bearings have been cast. These will be machined before being fitted to the axleboxes and driving wheel axles.
- * All hornguides cast – those for the leading driving wheel which are different from the rest have been machined and trial fitted. The remaining eight await machining. The four ties (stretchers) for these have been machined.
- * All horn ties have been cast and are at Llangollen awaiting machining.
- * 6 driving wheel springs have been manufactured at Owen Springs Rotherham (seen in above photo).
- * Twelve spring hanger brackets have been cast and are at Llangollen awaiting machining and fitting to the frames.
- * Six spring hangers and the pins have been machined and are at Llangollen waiting for delivery of the springs (as seen in above photo).
- * The pattern for the Tee Piece (which connects axlebox to spring) has been made and the six Tee Pieces cast.
- * The four main frame stretchers have been cast and machined and are at Llangollen awaiting fitting to the frames.
- * The wheels have been machined and are at the South Devon Railway to be made into wheelsets.
- * The two axles have been machined and work on the crank axle is proceeding.
- * Manufacturing drawings for the running plate, motion girder and motion bracket are in preparation.
- * Orders have been placed for the two remaining connecting rod forgings and the inside cylinder end cap.
- * All buffers have been refurbished.
- * The chimney from 45539 E.C. Trench has been acquired at Sheffield Railwayana auctions.
- * One bogie wheelset complete with axleboxes and hornguides has been acquired with the other one promised.

Tender:

- * The tender wheels have been turned and the journals polished at Tyseley Loco Works.
- * The tender springs have been refurbished by Owens Springs in Rotherham.
- * Quotes have been obtained for new inside and outside frame plates and front and rear dragboxes.
- * The order has been placed for a new axlebox pattern and four axleboxes to be cast.
- * Drawings for the revised tender tank have been completed.

Patriot Project Volunteer



Kevin West

CAD Draughtsman, Patriot Engineering Team

Why do you like Patriots?

That's difficult to answer. It must be something about the look, they just look good.

How did you get involved with the Project?

I came up to the launch gala at Llangollen in 2008 and offered my help. I have been a Design Engineer for the past 30 years and thought my expertise could be useful.

How does CAD help produce drawings?

CAD – Computer Aided Design is a very powerful tool that allows the designer to build a 3D model of the part. In a traditional 2D drawing you can look at the side of a part but it is difficult to show detail of the depth without a separate view. But like any computer system, if you put poor info in you get poor info out!

What's the most complex part of the loco that you will need to draw?

Most likely the Chimney. We have original drawings for the most complex parts (e.g the cylinders) and with the height reduction needed for mainline running, getting the aesthetics right to please everyone will be difficult.

Another tricky part is Stretcher 5 which sits under the back end of the smokebox. It's the front mounting for the boiler and supports parts of the inside cylinder motion. I've begun to finalise the design but it can't be completed until we have decided if the boiler will be lowered in the frames for the height reduction work and the inside motion layout is finished.

How did you get involved with Gauge 1 live steam models?

As a child I had Christmas gifts of O gauge clockwork and then Triang OO gauge train sets. My dad used to take me to the Model Railway Club Easter shows and in 1970 I spent all day watching an electric powered end to end Gauge 1 line. The size and presence of the models just captivated me. In 1972 the Gauge 1 Model Railway Association displayed a large steam layout at the same show, I joined the Association and started building a live steam single cylinder LMS 4F 0-6-0 in metal work classes at school.

Tell us about your model of 'Lady Godiva' (pictured above) and how you came to acquire this model?

The model was built for a friend who was a judge. He was very enthusiastic but not practically minded and was having problems running the loco. I helped him sort it out. When he died I acquired the loco from his widow.

Where would you like to see 'The Unknown Warrior' on the mainline?

Storming through Harrow & Wealdstone or Mill Hill Broadway stations, North London where I did my trainspotting in the late 60s/early 70s. Or through Cricklewood, where my grandfather took me to see the trains and where my father had been a fireman in the mid 40s. From the footplate of course!

What's been the best moment in the Project so far?

A footplate trip with Dave Owen at Llangollen on the Stanier Mogul a couple of years ago (see above photo). The look on the faces of the Project members on the sales stand as we ran into the station was great!

First Legacy for Patriot Project

Recently the LMS-Patriot Company received its first legacy worth approximately £9000. If it is your intention to help the building of 'The Unknown Warrior' by remembering the Project in your will, then please make the LMS-Patriot Company Limited a beneficiary. As the Project is a

registered charity there is no liability on your estate for tax. The Company is registered in England and Wales and its charity number is 112352. Please contact us if you would like further information about leaving a legacy to the Project and we will be glad to advise.

Recycling for Cash

A big thank you to Members who have donated used ink jet cartridges for recycling. As of November 2011, £332 has been raised so far via this method. Please contact us if you have any of the popular branded ink jet cartridges (except Epson or Kodak). We can collect items from you at Galas, Events, the AGM etc., or can post out a pre-paid recycling envelope. Please also contact us if you have any laser and toner cartridges or old mobile phones which you want to donate. We can recycle these via the Recyle4Charity scheme and receive cash payments that will go directly towards helping to build 'The Unknown Warrior'.

Fundraising Railtour

The Daniel Adamson Preservation Society is planning to run steam hauled railtour in the summer from Liverpool to York and Shildon. The tour is a fundraising railtour to raise funds for the 'Daniel Adamson' - a former Manchester Ship Canal steam tug which is being restored in Liverpool. The Patriot Project will be one of the beneficiaries of the tour together with the Alzheimer's Society (which is BBC Radio Merseyside's chosen charity for 2011/12). Tickets are being offered to Patriot Project Members. More information about the tour will be available on the Daniel Adamson Preservation Society's website:

www.danieladamson.co.uk and on our own website:

www.lms-patriot.org.uk

2012 Events

Churnet Valley Railway Steam Gala
Saturday 25th - Sunday 26th February
Kingsley & Froghall Station

The Battlefield Steam Gala
Saturday 17th - Sunday 18th March
Shackerstone Station

West Somerset Railway Spring Steam Gala
Saturday 17th - Sunday 18th March
Minehead Station

West Somerset Railway Spring Steam Gala
Thursday 22nd - Sunday 25th March
Minehead Station

Nene Valley Railway Steam Gala
Saturday 7th - Monday 9th April
Wansford Station

'The Fab 4' Steam Gala
Friday 13th - Sunday 15th April
Barrow Hill, near Chesterfield

Steel, Steam and Stars 111
Saturday 21st - Sunday 29th April
Llangollen Railway

Volunteers Needed

If you would like to help out on our sales stand at any of these events, please contact Gavin Shell, Events Manager: **gavinshell2@hotmail.co.uk**

Membership Matters

By Richard Sant, Membership Secretary

Membership is now nearly 600, having picked up again in the autumn. We have 177 regular donors up to the end of December and expect another 4 or 5 each month. The average donation is £14.50, which with Gift Aid is just over £3000 per month. The aim is to encourage this form of regular income to reach £5000 or £60,000 per year. This will be a significant proportion of the build costs.

We will accept direct payments to our bank account (details on the back page) from your own bank or your debit/credit card, or membership payments by standing order. Please make sure that you identify direct bank payments by Membership Number and tick the relevant section of the membership renewal form and return it.

We attempt to respond to all emails on membership within 24 hours and letters within a week. Please note it can be quite a long time for a letter you might have written a few days ago to filter through the system to the PO Box: it may arrive the day after the weekly collection. I'd like to thank all donors again for their contributions and all are receipted within a month unless you state otherwise— as this costs us a stamp we are also going to email you more widely in the future. A small number of new monthly donors have found

that their bank does not respond quickly to receiving the standing order form. Again let us know as we can check our records at this end.

Thank you to all members who enclose an SAE with their membership renewals as is traditional with heritage railway organisations. However, since I use C5 envelopes for reply which are quite large, I'm afraid that I have to return your SAE to you. But I'm very grateful to those who just send a second class stamp – to date in 2011/12 we have spent approximately £1500 on postage so every little helps!

Gift Aid Declarations can be filled in once for all donations received from an individual tax payer. To make Gift Aid Claims a charity needs to have the full name and address of the donor. All our forms have the gift aid declaration on them to ensure all donors/members can gift aid their donations to the charity increasing the amount the charity receives by over 20%. Occasionally an individuals' circumstances might change and where previously they were UK tax payers they become non payers or visa versa. If a donor/member has already completed a Gift Aid Declaration they do not need to reissue another one unless their circumstances have changed.

2011 Raffle Drawn at Patriot AGM

By Andrew Laws

The 2011 Fundraising Raffle was drawn at the 3rd Annual LMS-Patriot Company AGM, which took place at Derby Roundhouse on Saturday 12th November. The winning tickets were drawn by Members who attended the AGM.

We are please to announce that the 2011 Raffle raised around £3500 towards building 'The Unknown Warrior' and we would like to thank all of those who supported the raffle last year. Tickets for the 2012 Raffle will be on sale soon, and we hope this year's raffle will raise even more funds for the Project.

The winners were:

FIRST PRIZE winning ticket number 03001 - Mrs P Hall, Watford £250 Cash.

SECOND PRIZE winning ticket number 00454 - A.W. Sumner, Scunthorpe, Membership of the National Trust

THIRD PRIZE winning ticket number 07693 - B. Cross, Bedford, £20 Sainsbury's Gift Card

FOURTH PRIZE winning ticket number 00524 - D. Tollitt, Widnes, Limited Edition Signed Print of 'The Unknown Warrior'

FIFTH PRIZE winning ticket number 04832 - Mr Bartlett, Rotherham, Crystal Glasses.

The Berliner Special Anniversary Tour



THE BERLINER
21st ANNIVERSARY OF THE LAST
BRITISH MILITARY TRAIN

PRESENTED BY
TRAIN OF EVENTS

12 MAY 2012
FARES FROM ONLY
£90 2ND CLASS, £125 1ST CLASS

BERLIN - MARIENBORN - HELMSTEDT -
BRAUNSCHWEIG - HANNOVER AND RETURN

ENQUIRIES & TICKETS: MILITARYTRAIN2012@GMAIL.COM

Member and supporter Colin Hughes, whom many of you will have seen play his bagpipes at Llangollen Galas has told us about a special train that is running in May in Germany. 21 years ago the curtain came down on one of the most difficult and yet smoothly and consistently delivered trains in the history of European railways.

The British Military Train was born in the wreckage of defeated and broken Germany, and spent its life on the front line of the Cold War. It was operated in a unique and highly politicised partnership between British Army railway operators and the two state railways of the divided Germany. There had been nothing like it before, and it is unthinkable that we will ever see the like of it again. It ran without fuss, with a very British understatement of the political minefield surrounding it.

On 12th May the calm professionalism of railway people, civilian and military, British and German, who did the job, day in day out, is being

acknowledged and celebrated during a tour which will run from Berlin to Hannover and back.

Proceeds from events on board The Berliner 2012 will go to The Royal British Legion in Berlin.

During the journey there will be a break at the old border station at Helmstedt for a visit to the Border Museum.

The British Military Train was a Cold War icon.

From 1945 it was the main transit route for soldiers preserving the peace in West Berlin. It was taken out of service in 1990 when the wall fell, and made just one final farewell trip in 1991. Email **MilitaryTrain2012@GMAIL.com** for more info.

Donated Items Wanted!

The Sales Team is still on the lookout for good quality model railway items (any gauge), railway books and railway DVDs, railwayana and anything railway related that we could sell on our sales stand! This is an excellent way of boosting our income, with all proceeds going to help build 'The Unknown Warrior'. Please contact Karen Kinsey **karen.kinsey@uwclub.net** if you have any items that you want to donate.

A big thank you to Members who have donated items, including Pete Roulston who donated two replica brass LMS builders plates.

From the Archives



45500 'Patriot' is seen at Penrith, circa late Spring early Summer 1958. Photo courtesy of Chris Morgan.

Member George Reynolds Donates Patriot Oil Painting

By Andrew Laws



Member and Artist George Reynolds, has donated a superb framed oil painting of 45551 'The Unknown Warrior' in a seasonal snow scene. George presented the painting at our 2011 AGM. The proceeds of the sale will go towards building the actual locomotive 'The Unknown Warrior'. If you feel that this piece has a place on your wall then please contact us with your offer. George has also kindly offered his bespoke

painting service in oils, acrylics and sketches and specialises in portraits, transport scenes and pet portraits and is happy to undertake commissions from Members. George has agreed to kindly donate 50% of his fee to the Project.

For more information on how to take advantage of this excellent opportunity please visit <http://bonnygrass.yolasite.com> or phone George directly on 07855 549227 or 07824 644412.

Project Receives Sponsorship from Bromborough Paints



Thanks to member and supporter Neville Wellings, the Project has received sponsorship in the form of paint for the frames for 'The Unknown Warrior' which is currently being assembled at the Llangollen Works. Once assembled, the steel frames will be prepared for painting, hopefully at some point

during 2012, with paint donated by Bromborough Paints. The Board would like to thank Mr Wellings for this donation and his continued support of the Project. More information about Bromborough paints can be found at:

www.bromboroughpaints.co.uk

The LMS-Patriot Company Limited**Building the New Royal British Legion Endorsed National Memorial Engine – ‘The Unknown Warrior’****Company Registered in England and Wales No.:** 6502248**Registered Office:** Barry Island Station Buildings, Barry Island, Vale of Glamorgan, CF62 5TH**Registered Charity No:** 1123521 **VAT Registration No:** 978 8801 48**Account Details for Direct Donations:** CAF Bank Ltd., Account no: 00092990, Sort Code: 40-52-40**Board of Directors and Trustees****Chairman:** David Bradshaw**Company Secretary:** Richard Sant**Director:** Andrew Laws (Marketing and Publicity)**Director:** Kevin Finnerty (Governance and Archive)**Director:** Steve Blackburn (Engineering and Quality Management)**Director:** Richard Sant (Membership and Donations)**Project Support****Treasurer and Administrator:** Claire George**Engineering Design Team:** Peter Rich, Fred James, Kevin West, Jack Cross**Documentary Video:** Andrew Kennedy, Oakwood Visuals**Events Manager:** Gavin Shell**Sales Support:** Neil, Karen & Katy Kinsey, John and Yvonne Hastings-Thomson, John Barrowdale, David Hancox, David Hughes, John Lancaster, Brian Johnson and Kirsten Shell**Locomotive****Loco Assembly:** Dave Owen/Llangollen Railway plc**Tender Restoration:** John Buxton/Cambrian Transport Ltd.**Project Address:**

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Project Sponsorship

The LMS-Patriot Project is proud to be associated with the following sponsors, who have generously supported the Project: ***Cambrian Transport, Oakwood Visuals, Compass Tours*** and ***Bromborough Paints***. If your Company or organisation would like to be involved with the LMS-Patriot Project, please contact us.