



The Warrior

THE NEWSLETTER FROM THE LMS-PATRIOT PROJECT

£2.00

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5th Anniversary of LMS-Patriot Project Launch

April this year marks the fifth anniversary since the LMS-Patriot Project was launched. The last five years have seen a tremendous rate of progress with 'The Unknown Warrior', with many new parts made including six all new driving wheels, two original Fowler tenders acquired and Jubilee motion parts obtained.

Over £500,000 has been raised since the Project was launched and the Project has signed up 800 Members. Very soon the 'kit of parts' that we have seen will become the rolling chassis. There's a long way to go, but after 5 years, it's worth looking back at the progress we have made. On the following page we list the key milestones of the LMS-Patriot Project so far.

Andrew Laws



The original 45551 is seen waiting to depart Euston with an express passenger service. If the current rate of progress and fundraising continues, the new 45551 'The Unknown Warrior' could be steaming on the mainline in 2018.

Of interest is the high sided Fowler tender of which 10 were built and originally paired with Jubilees with some finding their way to the parallel boiler Patriots, including 45551 for a while.



Key milestones of the LMS-Patriot Project



Stamp Cover

Buckingham Covers launches 'The Unknown Warrior' Stamp Cover

A special commemorative Buckingham Covers stamp cover featuring 'The Unknown Warrior' and First Class Union flag stamp with 1st December Crewe post mark has been launched to commemorate 50 years since the last parallel boiler 'Patriot' class locomotive was withdrawn from service. Patriot number 45550, the penultimate member of the class built, was withdrawn from service on 1st December 1962. 50 years on, 'The Unknown Warrior' is making great progress at the Llangollen Railway Works.

Priced £9.95, the cover is available directly from Buckingham Covers with a percentage of the sale price being donated to The LMS-Patriot Project. Visit <https://www.buckinghamcovers.com/shop/productdisplay.php?msid=bc&productCode=R230&affiliate=lms> to buy the cover.



Engineering Update

The final stretcher (No. 5) has now been cast and machined. *(see photo 1)*

This has taken slightly longer than expected to produce because of the complexity of the casting and the need to make a new drawing. Our CAD draftsman, Kevin West, has certainly had a lot of head scratching over this one! The wheels were all fitted to their axles by year end at South Devon Railway Engineering (SDRE) and the machining of the crankpin holes (quartering, or thirding in our case) was finished in late January. SDRE is believed to be the only railway workshop in the UK that can do quartering of standard gauge driving wheels. *(see photo 2)*

This process ensures the correct alignment of the crankpins, in relation to the axles and also to each other as they are offset at 120° to each other on a three cylinder locomotive. The crankpins are in the process of being machined, the first two for the centre driving wheels were completed at the beginning of March with the remainder following. Once the balance weights are fitted, the driving wheels will then be delivered to Llangollen.

Drawings for the motion girders and motion brackets were completed in February with a view to placing the order to fabricate them with Crewe Works and drawings for the running plate and cab were finished in early March – we are now awaiting quotes for the kit of parts for both these items so that Dave Owen and his team can assemble these at the Llangollen Railway Works.

The frames will be riveted together starting from the middle of March, immediately after 6880 'Betton Grange' is mounted on its wheels at Llangollen.

The smokebox should be completed by LNWR at Crewe by the end of March and the bogie drawing is now finished and has now been ordered from Tyseley Locomotive Works.

The new connecting rod forging has now been machined to 3mm oversize pending final machining. *(see photo 3)*

We met the boiler insurers, RSA on 27th November at LNWR Crewe where the boiler manufacturing process was agreed.

We have recently contacted a foundry who believe they can cast our cylinders using poly patterns. This has huge ramifications on the potential cost – possibly saving £30,000 on the manufacture of the inside cylinder alone. Following a meeting on 5th March an order to make the pattern and cast the cylinders was issued on Coupe Foundry in Preston.

2013 will undoubtedly be a momentous year for the project; we hope that you will continue to support us in meeting our target completion date of September 2017.

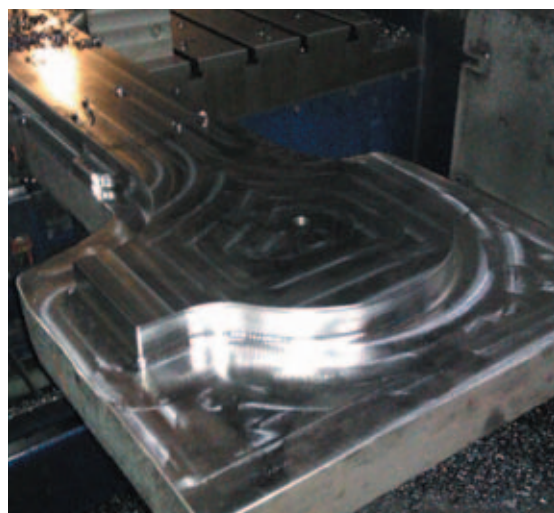
David Bradshaw



1. Frame Stretcher number 5 and the pattern that was made to cast it.



2. Quartering of new Patriot driving wheel at South Devon Railway Engineering.



3. New connecting rod undergoes machining.

Sponsor 'Birthday Presents' for 'The Unknown Warrior'

To mark the fifth anniversary of The LMS-Patriot Project, we are inviting Members to sponsor 'Birthday Presents' for 'The Unknown Warrior'. The following items are available to sponsor. Thank you for support of the Project so far and for helping to build 'The Unknown Warrior'. The next five years are going to be very exciting indeed.

Please help sponsor the following parts for 'The Unknown Warrior':

| | |
|---|------|
| Square foot of Copper Sheet for the Firebox | £215 |
| Large Boiler Tube | £210 |
| Foot of the Running Plate | £50 |
| Small Boiler Tube | £35 |
| Boiler Stay | £20 |
| Rivet | £2 |
| Bolt | £1 |

New Treasurer Appointed

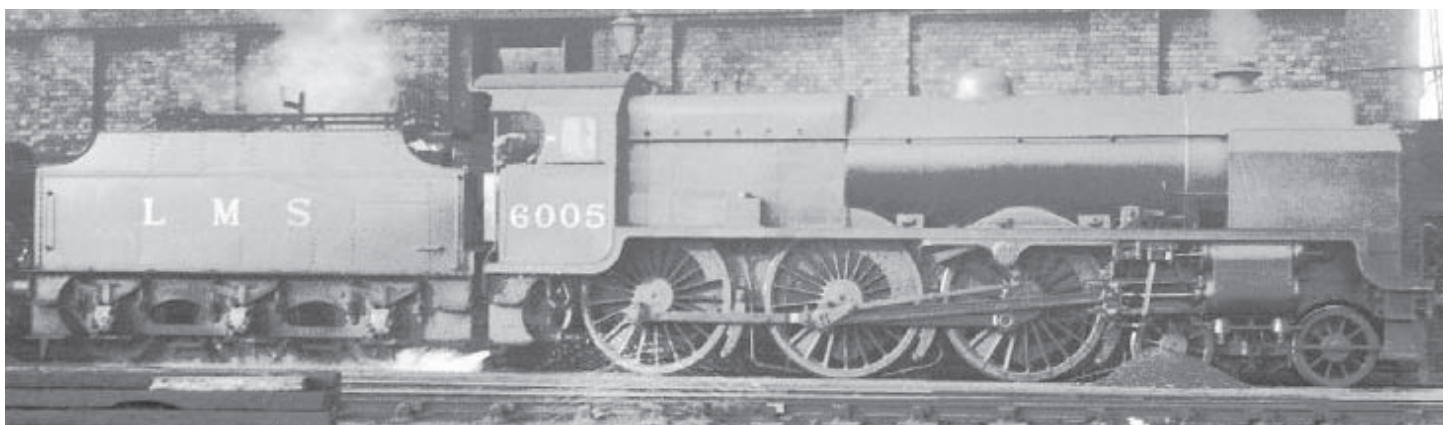
After our appeal at the last AGM and in the last Warrior, we were contacted by several members, expressing the wish to become involved with the Project as volunteers.

One Member was Neil Collinson, who has now been co-opted on the Board as a Director and Treasurer. Neil will be taking over many of the responsibilities from Claire George, the Project's Financial Administrator. Neil lives in Loughborough and has a financial background and has been a Member/Donor of the Project for four years. Originally hailing from Colwyn Bay (also a Patriot! number (4)5525), and spending many an hour watching the trains from a footbridge just outside Colwyn Bay station, Neil has expressed the wish to see 'The Unknown Warrior' run on a North Wales Coast express from Crewe to Holyhead. As Neil says, to see the new 'Patriot' run through the station where he once saw them would be a dream come true!

New Volunteer Liaison Officer

The Project has recently appointed a volunteer Liaison Officer whose specific role it will be to organise working parties and to entice new volunteers to the project.

Member, Jordan Leeds who lives in Colne has taken on the roll, and will be actively encouraging new members to join the Project. Jordan joins the Project with a rich knowledge of the preservation and model engineering world and regularly volunteers on the K&WVR. Jordan will be working closely with member Godfrey Hall, who is leading the working parties of volunteers that will paint the tender wheelsets, driving wheels, and frames of 'The Unknown Warrior' at Llangollen. One of Jordan's first jobs will be to meet Members at Members' Day who are interested in becoming volunteers for the Project.



LMS Patriot No. 6005. The engine is pictured with its original number which was carried over from the Claughton numbering scheme when the Patriots were first built. No. 6005 was later numbered 5509/45509 and named 'The Derbyshire Yeomanry'.

Project joins Centenary Partnership



LED BY IWM

The 2014-2018 Centenary of the First World War will be marked worldwide. The LMS-Patriot Project has joined the Centenary Partnership – becoming one of the over 850 organisations who are commemorating the Great War.

As the National Memorial Engine, 'The Unknown Warrior' will be at the forefront of many of the commemorations that will be taking place. As you will be aware, if sufficient funds can be raised, 'The Unknown Warrior' will be in steam on the mainline for 2018 with the official launch and naming due to take place at the 11th hour of the 11th day of the 11th month in 2018.

About the Centenary Partnership

The First World War Centenary Partnership is a network of over 850 local, regional, national and international cultural and educational organisations led by IWM (Imperial War Museums). Together, they will present a

vibrant global programme of cultural events and activities, and digital platforms which will enable millions of people across the world to discover more about life in the First World War.

Being a member of the partnership gives projects such as the LMS-Patriot Project a stronger collective voice to promote the aims of the Project, visibility through the First World War Centenary brand and website, access to a wealth of expertise and resources and the opportunity to promote events through a centenary calendar.

More information about the Centenary Partnership is available from www.1914.org

Tender progress



The Fowler tender acquired from the ELR being stripped at Llangollen during February 2013.



Tender frames from the Fowler tender acquired from the ELR before being sent away for shot blasting. The two wheelsets are spare, as the Project is using the three tender wheelsets from the Fowler tender acquired from Barry. © Oakwood Visuals

Reward for 1000th member recruited to the LMS-Patriot Project

We are expecting that our 1000th member will join the Project very soon. With cumulative figures rapidly approaching 800 since we launched the membership scheme, we hope to be soon welcoming the 1000th member to the LMS-Patriot Project. A Limited Edition print of 45551 'The Unknown Warrior' by Colin Wright will be given to the 1000th member as a reward. If you know of anybody who might be interested in joining, please mention this incentive.

Membership Forms are available from our sales stand or can be downloaded from:

www.lms-patriot.org.uk/Patriot_Donations_Membership.pdf

Boiler appeal video

Thanks to Andrew Kennedy of Oakwood Visuals we now have a Boiler Appeal fundraising video which is now on YouTube and our website. Visit <http://youtu.be/Wf7vYpNxQcw> to view the video.

The Boiler Appeal was launched last year, and later this year we will be announcing a new fundraising initiative to help fund the brand new boiler that is expected to cost around £500,000.

Donated items

If you have any railway books, DVDs, model railway items (any gauge), or railwayana that you would like to donate to the Project, please get in touch with Sales Director Neil Kinsey, to discuss what you would like to donate. Neil can be contacted on: 01773 832538.

Donated items are an excellent way of boosting our profits and will go directly towards helping to build 'The Unknown Warrior'.



Please note that railway magazines can be donated to the Vintage Carriages Trust at Ingrow, or to Heritage Railways, such as the Gloucestershire Warwickshire Railway at Toddington.

Thanks very much to Member Len Clark, who has donated more railwayana items that are being auctioned including an original British Railways Totem from Sandbach, and a British Railways 'Lion and Wheel' emblem from an AC electric.

Kidderminster Railway Museum Trust

The Kidderminster Railway Museum Trust, where we held our AGM last November has a huge photographic archive. Around 150,000 prints and 25,000 colour slides are housed digitally at Kidderminster and can be searched using the computer based search facilities at the Trust. B&W prints can be ordered for £1.50 for a 3.5"x5" print and 5"x7" colour prints can be ordered for £4 each. More information is available from www.krm.org.uk - Photographic Archive.

Facebook

You can now keep up-to-date with all the latest news and loco progress on our Facebook pages. If you have not joined us as a friend already, please visit www.facebook.com/lms.newbuild and request to be added as a friend.

New Recruits

The youngest new recruits to the LMS-Patriot Project, cousins Amelia and Ethan Shell (pictured below), posing with their fantastic new LMS-Patriot Project polo shirts! Contact our Sales Team if you require children's size polo shirts.



New Sales Items

The Sales Team now has several new 'Unknown Warrior' items available. A list of other sales items and order form is included with this issue of The Warrior. Please use the form to order any item on the list, or visit our sales stand for the other items listed below:

iPhone Cover for iPhone 4 or 4s
- 'The Unknown Warrior'
nameplate LMS red **£10**



iPhone Cover
Jonathan Clay BR Black 45551
'The Unknown Warrior' **£10**



Please enquire about phone covers for other mobile phones.

Ceramic Fridge Magnet
Jonathan Clay BR Black 45551
'The Unknown Warrior' **£2**



Ceramic Fridge Magnet
'The Unknown Warrior'
nameplate LMS red **£2**



Ceramic Fridge Magnet
Colin Wright BR Green 45551
'The Unknown Warrior' **£2**



Future events

We will be attending the following events with our Sales Stand. Members are very welcome to come and have a chat, meet the team, and see our latest sales items.

If you are interested in becoming a Member of our volunteer Sales Team, please contact: **Gavin Shell (07875 975688)** or **Neil Kinsey (01773 832538)**.

SVR Spring Steam Gala

Friday 22nd-Sunday 24th March
Bewdley Station

Llangollen Railway Spring Steam Gala

Friday 19th-Sunday 21st April
Llangollen Station

Swithland Steam Gala

Friday 26th-Sunday 28th April
Swithland, GCR

Fawley Hill Steam & Vintage Transport Weekend

Saturday 18th-Sunday 19th May
Fawley, near Henley-on-Thames

Cotswold Steam Celebration

Friday 24th-Monday 27th May
Toddington, GWSR

Members' Day

Saturday 15th June
Llangollen Railway

Members' Day 2013

Members' Day is now a permanent fixture on our events calendar, and this year's event will take place on Saturday 15th June at the Llangollen Railway.

After listening to some of the feedback from you our members, after last year's event, this year we are introducing a new format, with a private train during the day and an optional Fish & Chip special in the evening. We will be contacting you shortly with a booking form and full details of the day.

Recycle for charity

Since we signed up to the Recycle 4Charity scheme a few years ago, we have raised £671.81 thanks to all your donated inkjet cartridges that you have sent in. Please continue to recycle your computer inkjet cartridges using the prepaid envelopes provided, or drop your ink cartridges off at any of the events that we go to. Please don't post your ink cartridges to us. If you have a lot of ink jet cartridges that you are wanting to recycle, please contact us, and we will post some prepaid envelopes out to you.

Receiving 'The Warrior' via email

If you received this copy of the 'Warrior' via post, and you don't mind receiving a PDF copy via email, please email lms-patriot@hotmail.co.uk and we will add you to our 'Warrior' mailing list. Sending the 'Warrior' out via email saves the Project postage costs, and cuts down the amount of work for our admin team.



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:
Bowcock Cuerdon LLP, South Cheshire House,
Manor Road, Nantwich, Cheshire CW5 5LX

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

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Robert Wells, Mike Paine

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Locomotive Assembly
Dave Owen – Llangollen Railway plc

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Peter Sikes
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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, Bromborough Paints** and **Morris Lubricants**.

If your company or organisation would like to be involved with the LMS-Patriot Project, please contact us.