

The Warrior

THE NEWSLETTER FROM THE LMS-PATRIOT PROJECT

£2.00

Issue 18 • June 2013

Patriot Progress

The month of May saw tremendous progress towards the construction of 'The Unknown Warrior' with the casting of the middle cylinder, the completion of the smokebox – arguably the most recognisable part of a Patriot – and progress in a number of other areas as well (see Engineering Update).

On 29th May the middle cylinder was 'knocked out' of the mould at the Coupe foundry in Preston, where the week before, molten metal was poured into a mould that contained a polystyrene pattern. This pioneering process utilising a polystyrene pattern has not previously been used for a steam locomotive cylinder. David Bradshaw, Project Chairman and Design Engineer, Kevin West travelled up to the Preston foundry to witness this momentous occasion. Volunteer coordinator, Jordan Leeds also arranged with BBC Radio Lancashire to cover the event, and had earlier done a live interview on the BBC Radio Lancashire Breakfast show. A report of the days' proceedings and the Project featured on the evening news programme which also included interviews with David and Kevin, and Alan Boulton from the Coupe Foundry. The 2.6 tonne casting will weigh around 2 tonnes after machining and will be bolted between the frames at Llangollen over the next few weeks.

Coincidentally Preston was a former 'Patriot' stronghold with many passing through the Lancashire station on WCML expresses, often with 16 coaches! A few Patriots were allocated to the nearby Preston shed (24K) and after their working lives came to end in the early 1960s, many were stored inside, which by this time had suffered a fire where the roof was destroyed, before going for scrapping at Crewe Works.

Andrew Laws



Above: Completed smokebox before painting being delivered to the Llangollen Railway Works on 5th June 2013. *Photo by John Bennett.*

Left: Middle cylinder after knocking out at the Coupe Foundry, Preston on 29th May 2013. *Photo by Andrew Fowler.*

Engineering Update

- The driving wheelsets are expected to be completed by the end of June at South Devon Railway Engineering when they will be delivered to Tyseley Locomotive Works for the axleboxes to be fitted prior to transporting to Llangollen for fitting to the frames. Unfortunately the manufacturing and machining of the six crank pins has taken a lot longer than we anticipated which has caused a delay to the completion of the driving wheelsets. Some lead ingots were obtained during April which will be used for the balance weights. The balance weight plates were started to be fitted to the driving wheels at the end of May.
- The outstanding connecting rod has now been finish-machined, giving us all of the large motion items – three connecting rods and four coupling rods.
- The 'Fowler' tender which we bought from the ELR, at Bury has now been dismantled. The frames have been sandblasted and are currently under assessment at Llangollen Railway Engineering. A quotation has been received from Dave Owen, at Llangollen which will then form the basis for a grant application, preliminary work on this having now begun. The wheelsets are also being assessed. The best three wheelsets will be used from the five that we have. The axleboxes which were damaged at Barry scrapyard when the bearings were 'removed', are currently being assessed for possible repair which may alleviate the need to cast new ones.
- The plates for the front bogie plates have been cut, shotblasted, painted and delivered to Tyseley Locomotive Works. All other bogie items have now been ordered with machining having been started at Bannway Engineering Ltd. in Stourbridge.
- The smokebox was completed at the end of May at LNWR Heritage Ltd, at Crewe. This was then taken to Llangollen where painting by volunteers has begun. The smokebox was on display for Members' Day on 15th June.
- Motion brackets and motion girders will now be cast – patterns have been ordered.
- Drawings for the running plate steelwork now complete the order placed for delivery in June. The splashers have now been made.
- As reported already, the middle cylinder was cast at Coupe Foundry on 23rd May and was knocked out on the 29th May. After shot blasting it was delivered to Bannway Engineering in Stourbridge for machining before being taken to Llangollen.
- Final assembly of the frames started in the week commencing 22nd April.
- Drawings for the cab are in progress.



The frames from the Fowler tender purchased from the ELR are seen at the Llangollen Railway Works during April. *Photo by Andrew Laws*



The six driving wheel splashers have now been made for 'The Unknown Warrior'. *Photo by Oakwood Visuals*

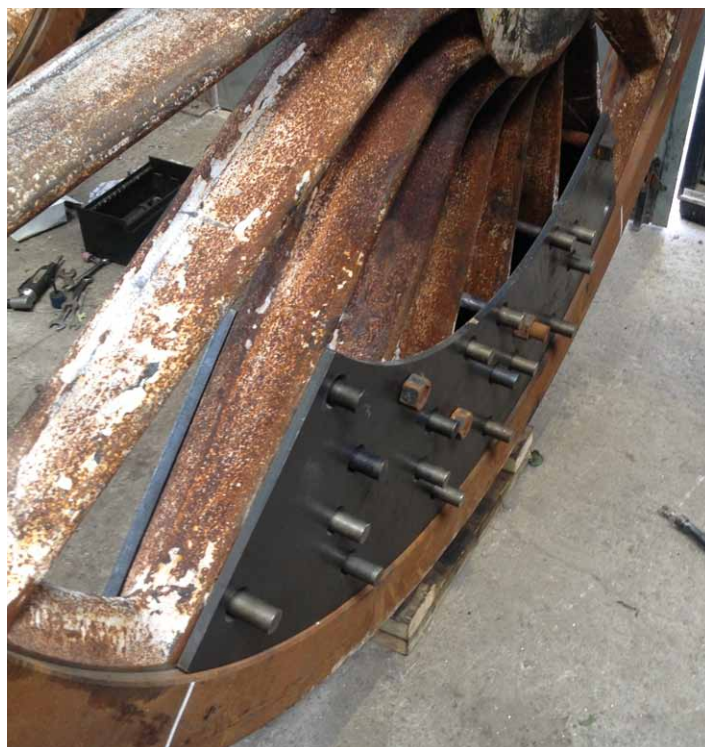


Left: Molten metal is poured for the middle cylinder at the Coupe Foundry, Preston on 23rd May.

Above: Middle cylinder is seen at the Coupe Foundry, Preston on 31st May after 'knocking out'. Photos by Andrew Fowler.



Smokebox for 'The Unknown Warrior' is seen after completion at LNWR Crewe on 31st May with LNWR Heritage employees John Liddell, Dan Lovatt and Bradley Walsh. *Photo by Oakwood Visuals*



The balance weight plates are seen being riveted to the driving wheels at the Buckfastleigh workshops of South Devon Railway Engineering on 31st May. *Photo by Kirsten Shell*

'Lady Godiva' Off the Rails



Number 45519 'Lady Godiva' is seen in happier times on Bristol Barrow Road shed (82E).

From a painting by Joe Townend.

Thanks to Member Mike Paine who sent in an article and copies of press cuttings from 1947 concerning an accident with LMSR 'Patriot' number 5519 'Lady Godiva' which derailed near Bushbury (3B) sheds. Mike had recorded 5519 in his 'spotters' notebook for 24th April 1947 as 'CRASHED' and recently did some research in the Wolverhampton Municipal Archives to try and find out more about the unfortunate incident.

The story is reproduced from the Wolverhampton Express and Star:

"The driver and fireman of an L.M.S. engine had a lucky escape when their locomotive, 'Lady Godiva', overshot the buffers on a small siding off the main Wolverhampton to Stafford line at midday today. The engine, which had no carriages or trucks attached ploughed into the embankment and finished up at a perilous angle.

The accident occurred at a point on the main line between the Goodyear factory and Elston Hall schools, in the Moreton estate. Apart from being shaken, the driver and fireman were none the worse for their ordeal, and, after being given a cup of tea in a nearby house, went home. A breakdown gang was soon at work, and the main line traffic will not be delayed at all, as the engine is clear of the line. It is estimated that it will take about 17 hours to get the engine on the line again."



Llangollen artist and LMS-Patriot Project member Jayne Edwards has painted a new picture of number 5551 'The Unknown Warrior'.

Recycle for charity

Thanks to all your donated inkjet cartridges we have now raised £761.91 via the Recycle4Charity scheme.

Please continue to save your inkjet cartridges as the Project receives £1 from each one that is recycled. Most types can be accepted under the scheme including Dell, Canon, Lexmark and HP but unfortunately not Epson inkjet cartridges. Please handover your empty inkjet cartridges to our sales team at any of the events that we go to, or ask for a recycling envelope (which you can send back to the Freepost address with your inkjet cartridges).

Please do not post the inkjet cartridges to us. Also please contact us if you have a mobile phone that you want to donate for recycling.

Membership Matters

Membership now stands at 821 as of the end of May. This is the linear total from when the Membership scheme first started.

First train seats for Members who will have donated over £1500 currently stands at 133. If anyone wants an up-to-date figure of their individual balance contact Claire George, our Administrator. Please note that anybody who is donating in response to a particular appeal such as the cylinders or the boiler, or sponsoring a specific part such as the smokebox door has that donation counted as part of their first seat total.

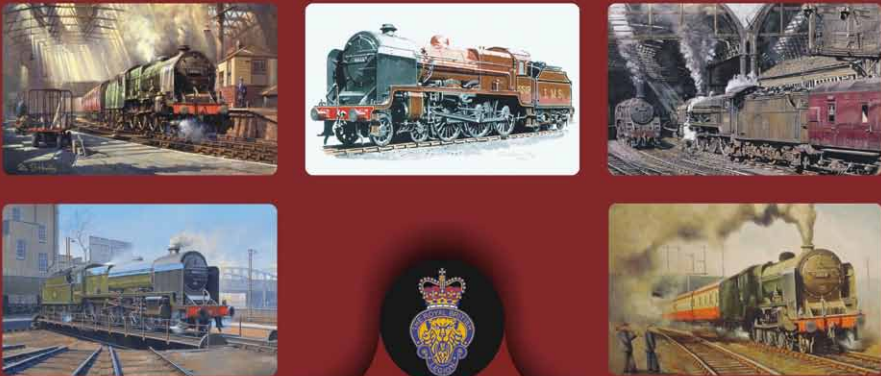
Richard Sant

2014 Fundraising Calendar

We are now selling our 2014 Fundraising Calendar. This is a superb A3 size calendar featuring twelve different 'Patriot' paintings from well-known railway artists including Philip D. Hawkins, John Austin, Colin Wright, Jonathan Clay, Craig Tiley, Joe Townend and G. S. Cooper.

The calendar which is supplied in a protective card envelope is available to buy from our sales stand for £8 or can be ordered from our internet web shop for £8+£4 P&P.

Visit lms-patriot.org.uk/warrior_items.html




THE UNKNOWN WARRIOR

The LMS-Patriot Project

'Creating the Royal British Legion Endorsed National Memorial Engine'

2014 CALENDAR

lms-patriot.org.uk



GWSR Cotswold Steam Gala

We had our sales stand at the Gloucestershire Warwickshire Railway for the first time at the Cotswold Steam Gala over the May Bank Holiday. This was a four day gala which saw superb weather (apart from the first day of the Gala on the Friday).



Neil and Karen on the sales stand at Toddington during the Cotswold Steam Gala on 24th May.

Three visiting engines were brought to Toddington especially for the Gala, including LNER Class B12 8572 from the North Norfolk Railway, NRM-owned Southern Railway Maunsell 'Schools' Class 4-4-0 No. 925 'Cheltenham' from the Mid-Hants Railway and BR Standard Class 4 2-6-4T No. 80072 from the Llangollen Railway. The gala has a 'big four' and BR theme with locos from each company being represented.

Resident former Turkish 8F looked superb in LMS livery carrying the number 8274 during the gala. We had a busy time on the sales stand and generated a lot of new interest during our time there.



Stanier 8F No. 8274 is seen at Cheltenham Racecourse with a freight for Toddington 26th May.
Photo by Andrew Laws

Administration Team Expands with New Volunteers

The Administration Team are planning to move into an office in Stafford later this summer, which will make us more effective and efficient in working with you to build 'The Unknown Warrior'.

A team of volunteers is being assembled which will be able to work out of a single location to handle the ever increasing workload. This is in conjunction with a revised data management system which we are implementing. More details and the new postal address will be given in the next Warrior. If you need to contact us by mail, please continue to use the PO Box address which will be in use until the end of the year.

Harrogate Model Engineering Show

The Project exhibited at the Harrogate Model Engineering Show between 10th-12th May. This was a three day show at the Harrogate Showground. A large number of people visited our stand which resulted in good exposure to a new target audience. We are looking to exhibit at other Model Engineering shows as we aim to widen the exposure of the Project with the aim of increasing our fundraising.

Thanks to the organisers who donated £50 to the Project – normally it's the other way round and we have to pay to exhibit at the larger shows!

2013 Fundraising Raffle

Thanks to all Members who have bought raffle tickets for the 2013 draw. As always there is sympathy and understanding for those who do not wish to receive them, and every year we note who you are and try to avoid posting them to you in subsequent years. If you are returning unwanted raffle tickets please can you include a name or membership number so we can identify who you are and remove you from are raffle distribution list.

Model Railway Items Wanted

The Project has had its sales stand at an increasing number of Model Railway shows including Stafford, Burton-on-Trent, Derby, Midland Railway Centre and of course we will be exhibiting at the Warley Model Railway Exhibition in November – our main event of the year.

For Warley and other future model railway events, we are looking for good quality donated model railway items of any gauge to sell, preferably boxed items. Please contact Neil Kinsey, Sales Director if you have any items you would like to donate. Neil can be contacted on: 01773 832538

Thanks to Mr Randall who donated a large number of N gauge models which we can sell to raise funds to help build 'The Unknown Warrior'.

Similar items are always welcome, apart from railway magazines which can be donated to your nearest Heritage Railway.

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.

Epping & Ongar Gala • 22nd-23rd and 28th-30th June

National Armed Forces Day • Nottingham 29th June

Midland Raillex 2013 • Midland Railway Centre, Butterley 17th-18th August

Severn Valley Railway • Autumn Steam Gala 20th-22nd September

Llangollen Autumn Gala • 30th August-1st September

Great Central Railway • Autumn Steam Gala 3rd-6th October

Keighley & Worth Valley Railway • Autumn Steam Gala 11th-13th October

Tyseley Open Day • October, date TBC

Warley • NEC 23rd-24th November

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

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

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

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Locomotive Assembly

Dave Owen – Llangollen Railway plc

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Newsletter

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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.