

# THE WARRIOR

The Newsletter from the LMS-Patriot Project

Issue 14

May 2012

£2

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

## Motion Parts Acquired for 'The Unknown Warrior'

By Andrew Laws



The LMS-Patriot Project has now acquired a near complete set of original motion parts. These were originally fitted to LMS 'Jubilee' and 'Patriot' 4-6-0s and were a surprise delivery to the Llangollen Railway Works during the Tuesday of the Steel, Steam and Stars 111 gala on 24th April.

The motion parts include a complete set of coupling rods, one outside connecting rod, cross heads, radius rods, drop links, union levers and combination levers. The connecting rod (measuring 11' 6" in length) was removed from Jubilee 45697 'Achilles', and the other parts came from Jubilees including 45562 'Alberta' before it was scrapped in 1968 at Cashmores of Great Bridge, and from 45699 'Galatea', one of the four surviving Jubilees which was sent to Barry scrap yard. The parts have been held in storage ever since but are no longer required for the four surviving 'Jubilees' and

were offered for sale to The LMS-Patriot Project. After a bit of gentle rubbing with emery paper on the ends of the rods it was discovered that the two front LH and RH coupling rods were originally fitted to Patriot number 5546 'Fleetwood'. The number 5546 is stamped on the ends of these rods, but these coupling rods were at some point transferred to Jubilee 5699 'Galatea', as 5699 is also stamped on the 2 coupling rods.

The rest of the motion parts that the Project has acquired are also due to be delivered to Llangollen. The motion parts are being refurbished at the Llangollen Railway Works funded by the £16,000 grant from Cadwyn Clwyd (the rural development agency for Denbigshire). The motion parts will be on display at Members' Day on 7th July together with an exhibition about walschaerts valve gear and how it all works.

# Engineering Update

By David Bradshaw

## Build Progress:

The front hornguides have now been machined at Llangollen and they have been temporarily bolted to the frames. The four frame stretchers have been cast, machined and delivered to Llangollen where stretchers 1, 2 and 3 have been bolted to the frames. Stretcher 4 will follow shortly and the frames will then be squared up and the stretchers, dragbox and bogie centre casting will be riveted to the frames.



All 6 driving axleboxes have been cast and are at FHT Southam for machining prior to being delivered to Buckfastleigh for fitting to the wheelsets. This process is now being managed by Bob Meanley of Tyseley Locomotive Works on behalf of the project.

The six driving wheels were delivered to the South Devon Railway on the 13<sup>th</sup> October along with the 2 completed crank webs. Much machining work has already been done and work should start on assembling the wheels shortly. The rear horn guides which were cast prior to Christmas are being machined at Johnson Porter Lye prior to delivery to Llangollen for fitting.

Orders have been placed for the spring rockers and seats required for the driving wheel suspension arrangement. Delivery is imminent.

The axlebox tee pieces have been cast and are currently being machined at Johnson and Porter Lye. All the fitting pins have been machined and delivered to Llangollen. All axlebox keeps and bearings have now been delivered. An order has been placed with Somers Forge Ltd of Halesowen for the remaining connecting rod forged blanks.

Delivery is now expected in May 2012.

The tender wheels and springs have been refurbished. Quotations being obtained for new tender frames together with costs for stripping existing frames of useable components. Quotations are also being sought for the provision of a new tender tank. Initial discussions on obtaining a grant for this work have started.

We have now taken delivery of both sets of coupling rods and one connecting rod, last fitted to Jubilee 4-6-0's. These arrived at Llangollen on 24<sup>th</sup> April. The coupling rods were last fitted to 45699 Galatea though the front sections were originally from the unrebuilt Patriot (4)5546 'Fleetwood'. The connecting rod was fitted to 45697 Achilles. The remaining parts, consisting of RH & LH outside crossheads, RH & LH drop link RH & LH union link, RH & LH combination lever, RH & LH



outside radius rods and three slidebars will be delivered to Llangollen shortly. The motion on the 'Patriots' and 'Jubilees' was identical so all that is required is for these items to be refurbished.

We have obtained a grant for the overhaul of the motion parts.

## Next Stages:

Final assembly of the frames and installation of the driving wheelsets at Llangollen to produce a rolling chassis is expected to take place during the summer. Whilst we have all the parts a considerable amount of machining remains to be done so it is not possible to give an accurate date for wheeling the frames.

Drawings for motion bracket and girder are in preparation prior to seeking quotation for patterns, casting and machining.

The drawing for the running plate steelwork has now been completed.

We are shortly to review some standard LMS brake gear with a view to fitting this to the locomotive. We are in discussions with a potential commercial donor who it is hoped will sponsor the assembly of the bogie. The paint for the frames has been very generously sponsored by Bromborough Paints Ltd and we hope to have the first couple of coats on by mid June. The frames require some preparation before the first coats of paints are applied. We've also had offers from three volunteers to help paint the frames at the Llangollen Works.



# LMS-Patriot Project Receives Recognition from Lord Mayor of Nottingham and Lillian Greenwood MP at Nottingham Publicity Event



The Lord Mayor of Nottingham, Councillor Michael Wildgust and Lillian Greenwood MP

The LMS-Patriot Project was represented by Directors Neil Kinsey and John Hastings-Thomson at a recent publicity event held at the Council House in Nottingham. Patriot Project Member Kerry Donlan arranged the event on April 20th to help publicise the Project in Nottingham and the surrounding area.

The Lord Mayor of Nottingham, councillor Michael Wildgust and local MP Lillian Greenwood were present and photos of them along with new Patriot Company Directors Neil Kinsey & John Hastings-Thomson were published in the Nottingham Evening Post. Councillor Wildgust said that he was delighted to bring awareness to the project and that he would continue his support in the future.

Lillian Greenwood, who represented all three Nottingham MPs asked some very interesting questions about the build and the future use of 'The Unknown Warrior', and wished the project every success. It is encouraging to know that such high profile dignitaries offer the project so much support, which highlights the broad appeal that 'The Unknown Warrior' clearly has.

The Project sends out our thanks go to Kerry who put in a great deal of effort to bring the event together in Nottingham.

We will be looking to attend similar events in the future involving local Royal British Legion Branches and the Armed Forces.

# Successful SSS3 Gala at Llangollen

Many of you will have attended the superb Steel, Steam and Stars 111 Gala at the Llangollen Railway at the end of April. Already dubbed Steel, Steam and Showers in some publications, the nine day Gala proved to be a financial success for the Project, despite the weather, with over £2300 raised from sales, donations and raffle ticket sales. The Sales Team would like to thank all of our friends at the Llangollen Railway including Quentin and the Betton Grange Society, Jim, Anne-Marie, Kevin and the platform 2 office staff, Steve in the Cafe, and Dave Owen and all the lads in the works, all of whom made us very welcome during the nine days. The weather did not dampen our enthusiasm and it was great to meet many new Members during the Gala. An excellent line up of locos were brought in for the gala including new build Pacific and people's favourite 'Tornado' and star pacific 70000

'Britannia' which was also taking a break from its mainline duties. The supporting cast of LNWR 'Super D' 49395, LNWR Coal Tank 58926, CR 828, LNER 1744, newly arrived and repainted GWR 5199 and narrow gauge engines 'Palmerston' and 'Dolgoch', provided a fine variety of engines from different regions. The home fleet of 3802, 6430, 7822 'Foxcote Manor, 44806, and 80072 provided the usual reliable rear guard. The highlight for many, apart from Brake van rides along the beautiful Dee valley, was the opportunity to ride along the newly relaid extension from Carrog to Bonwm Halt, with the autotrain service or top and tail steam locomotives. The frames for the new GWS 2-8-0 47xx Project were on display next to the other two new build projects 'The Unknown Warrior' and 'Betton Grange' inside the Llangollen Railway Works.



Some of the Patriot Team (Andrew Laws, Neil and Karen Kinsey and Chairman David Bradshaw) seen on the last Saturday of the SSS3 Gala with the sales stand on platform 2 at Llangollen. Photo by John Hastings-Thomson.



# Membership Matters

By Richard Sant, Membership Secretary

At the beginning of May, Membership stood at 655, having been boosted by a busy series of events especially the Steel, Steam and Stars 111 Gala at Llangollen at the end of April. We have over 180 regular donors up to the end of March and expect another 3 or 4 each month. The average donation is £14.50, which with Gift Aid is just over £3500 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.

However, we will accept direct payments to our bank account (details on the back of the Newsletter) from your own bank or your debit/credit card. We will also accept membership payments by standing order. Please make sure that you identify direct bank payments by your 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. I'd like to

thank all donors again for their contributions and all are receipted within a month unless you have asked us not to – 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 please let us know as we can check our records at our end.

Thank you to all members who enclose an SAE or a second class stamp with their membership renewals as is traditional with heritage railway organisations. At the end of the 2011-12 financial year our income was £168,000, slightly above forecast, and we spent £137,000 on engine build costs. The budget forecast for the current year has been set at £200,000 with an increased spend on the engine, from money received in previous years. The major aim now is to see the rolling chassis as soon as possible, with our next Appeal - the Boiler Appeal being launched nationally in May.

## Obituary

Patriot Project member John Denney passed away recently. John was proud to be part of the Project and would always show his membership card if he saw us at events. In 2010 he kindly donated about 50 video tapes which were sold to raise funds for 'The Unknown Warrior'.

Before he died, John left us an original framed oil painting of an ex LNWR 'Super D' by Colin Wright and stipulated that it should be auctioned with the proceeds going to the project. Sealed bids are invited for this superb study which measures 13-1/2" x 9-1/2", with a reserve of £200. Please send your bid to the Project address on back page. Bids will be accepted via post or email ([marketing@lms-patriot.org.uk](mailto:marketing@lms-patriot.org.uk)). Please quote your Membership Number.

The picture will be presented to the highest bidder at this year's AGM on 10<sup>th</sup> November at Kidderminster Station



## Donated Items Wanted

The Project is looking for good quality model railway items (any gauge) to sell at Model Railway events. Also if you have any railway DVDs, books or railwayana that you would like to donate, please get in touch, or bring any items you want to donate to any of the galas and events that we attend.

A big thank you to Michael G. Harvey who donated a guards lamp and a brass steam heat cab gauge for 'The Unknown Warrior'. We will be selling the guards lamp to raise funds. Thanks also to John Barrowdale, Steve Blackburn and everybody else who have donated items.

# New Sales Items

New 'Patriot Project' items are now available. Please send your cheque and order details to: *LMS-Patriot Company Ltd., PO Box 3118, Hixon, Stafford, ST16 9JL.*



BR Green  
Enamel  
badge  
£4.50 +  
£1.75 P&P



T-Shirt  
sizes: M, L,  
XL, XXL  
£12 +  
£3.50 P&P

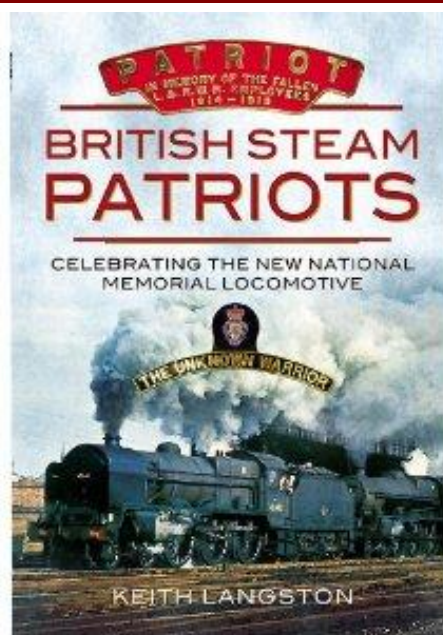


Black  
Sweatshirt  
sizes: M, L,  
XL, XXL  
£22 +  
£4.50 P&P



Leather  
Key Ring  
available  
with  
green,  
maroon or  
black  
leather  
fob with  
red text.  
£4.50  
each +

£1.95 P&P. Superb high quality leather key ring. Show your support of 'The LMS-Patriot Project' with this exclusive item.



**\*\*NEW BOOK\*\***

British Steam Patriots - celebrating the new national memorial engine by Keith Langston. Superb new book featuring a definitive account of the famous LMS designed 4-6-0 express passenger 'Patriot' class locomotives that were introduced between 1930 and 1934. The book includes

contributions from the LMS-Patriot Project who are building the 53rd member of the class! The book contains at least one image of every Patriot class engine and includes some 200 images in total. Hardback book, 208 pages with colour and black and white photos. Normal price £19.99.

**SPECIAL MEMBERS' PRICE £15**, available only at galas, Members' Day on 7th July at Llangollen, and at our AGM on 10th November at Kidderminster Station Museum.

## Patriot Petunias

Thanks to Diane Shell for sending in this picture of 'Express Patriot Petunia' seeds. The seeds are reported to be doing very well in a garden near Exeter!





# Railfest 2012



The next big gala that we will be attending with our sales stand is **Railfest 2012**. This is another 9 day mega gala which is expected to be visited by tens of thousands of people. Celebrity LMS locos that are due to attend include 6201 'Princess Elizabeth', 45596 'Bahamas', 46115 'Scots Guardsman' and NRM based streamlined Coronation Pacific 6229 'Duchess of Hamilton'.

## Volunteers Needed

If you would like to help out on our sales stand and you enjoy dealing with the general public and talking to people, please get in touch with our Events Manager **Gavin Shell** on 07875 975688 ([events@lms-patriot.org.uk](mailto:events@lms-patriot.org.uk)) or **Neil Kinsey**, Sales Director on 01773 832538 ([sales@lms-patriot.org.uk](mailto:sales@lms-patriot.org.uk)).

## Replica Smokebox Number Plates Available to Order

Replica full size painted wooden smokebox number plates are now available from the LMS-Patriot Project. Both LMS and British Railways versions are available as shown in the photo, or other LMS and BR numbers can be ordered. The number plates cost £35 each & £6 P&P. Please send your cheque and order details to: *LMS-Patriot Company Ltd., PO Box 3118, Hixon, Stafford, ST16 9JL*. Please allow up to 6 weeks for delivery.



**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 (chairman@lms-patriot.org.uk)**Company Secretary:** Richard Sant (membership@lms-patriot.org.uk)**Director:** Andrew Laws (Marketing and Publicity) (marketing@lms-patriot.org.uk)**Director:** Kevin Finnerty (Governance and Archive) (governance@lms-patriot.org.uk)**Director:** Steve Blackburn (Engineering and Quality Management) (engineering@lms-patriot.org.uk)**Director:** Richard Sant (Membership and Donations) (membership@lms-patriot.org.uk)**Director:** Neil Kinsey (Sales) (sales@lms-patriot.org.uk)**Director:** John Hastings-Thomson (Corporate and Commercial Sponsorship) (corporate@lms-patriot.org.uk)**Project Support****Treasurer and Administrator:** Claire George (treasurer@lms-patriot.org.uk)**Engineering Design Team:** Kevin West, Peter Rich, Fred James, Jack Cross**Documentary Video:** Andrew Kennedy, Oakwood Visuals**Events Manager:** Gavin Shell (events@lms-patriot.org.uk)**Marketing Assistant:** Kirsten Shell (marketing@lms-patriot.org.uk)**Sales Support:** Karen & Katy Kinsey, Yvonne Hastings-Thomson, John Barrowdale, David and Carol Hancox, David Hughes, John Lancaster, Brian Johnson**Locomotive Assembly:** Dave Owen/Llangollen Railway plc**Project Address:**

PO Box 3118, Hixon, Stafford, ST16 9JL

**Email:**

Please direct your emails to the most appropriate person above.

**Website:**[www.lms-patriot.org.uk](http://www.lms-patriot.org.uk)**Newsletter:**

Designed and produced by the LMS-Patriot Project

Editor: Andrew Laws (marketing@lms-patriot.org.uk)

© 2012 The LMS-Patriot Company Limited.

**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.