

THE TORNADO TELEGRAPH



60163 TORNADO
New Steam for the Main Line

Welcome to issue No. 95 of *The Tornado Telegraph*.

Despite the best efforts of all involved, *Tornado's* return to the main line continues to be frustrated by events, the latest of which the incredibly dry weather we have been experiencing lately. Many preserved lines have had to cease using steam traction and main line tours have been curtailed. Trying to schedule testing of *Tornado* among this is proving challenging and she missed her hoped for run out with the RAF 100 trip to London, a run kindly covered by John Cameron with *Union of South Africa*. We will do our best to keep you all updated so please keep an eye on the website and social media.

graham.langer@a1steam.com

Editor of *The Tornado Telegraph*

NO. 60163 TORNADO UPDATE

The A1 Steam Locomotive Trust and its contractors continue to work hard to return *Tornado* to traffic following the locomotive's failure on 'The Ebor Flyer' in April. Unfortunately, there will be a further delay to *Tornado's* return to traffic due to the ongoing hot weather and a need to replace one of the outside union links due to the identification of a tiny flaw in its surface.

This defect only affects the hardened surface of the union link, rather than the strong core, but requires replacement before main line operations can recommence. This is not considered to be associated with the failure of the locomotive on the 14th April and does not prohibit operations at 25mph on a preserved railway. It is anticipated that a new union link will be completed in early August and will then require fitting to the locomotive which takes two to three days. We are grateful to Robert Stephenson and his team, of Stephenson Engineering Ltd of Atherton, for the fast turnaround in manufacturing the new union link. This process requires a new forging and then there are machining and case hardening processes to complete.

We have undertaken the critical next stage in reassembly of the locomotive by confirming with our certification body and operator DB Cargo that the repair work carried out to date, including key components newly manufactured, are to the correct specifications. The next key inspection will be in the following seven days at which point the reassembly of the locomotive can then be completed ready for operations. It is likely that several further inspections will be required during test running and as part of a main line loaded test run.

The on-going hot weather continues to cause concern around our ability to test the locomotive at 25mph and complete running in activities. There is currently a steam ban on the Nene Valley Railway where the locomotive will be tested and run in. At present there is a steam ban on many preserved railways and on most of Network Rail a diesel is required to provide most of the traction power thus prohibiting a test run. In some places, such as the West Coast Main Line, no steam at all can run under any operating conditions. We continue to monitor this situation closely to ensure we can complete as much running in as possible and schedule a test run just as soon as is practical.

As a consequence of these delays we have, unfortunately, had to cancel the planned circular tours from Darlington on Sunday 29th July and we are postponing 'The Mad Hatter' railtour which will now run in Spring 2019 on a date yet to be confirmed. Our booking agent UK Railtours is contacting all affected passengers.

We have also spoken with our railtour operating customers and recommended that they work with us to identify a replacement locomotive for other trains in mid-August due to the issues described above. It is hoped that the locomotive will be reassembled and operational by this time, but the continued hot weather means that we are not confident that we will be able to complete the necessary running in and main line test runs in time to operate these trains.

As such the following applies to our programme:

- Sunday 29th July - Darlington Circulars - Cancelled
- Wednesday 1st August - 'The Mad Hatter' - Postponed to Spring 2019
- Saturday 11th August - 'Settle and Carlisle Golden Express 1' - Hauled by another locomotive
- Wednesday 15th August - 'Settle and Carlisle Golden Express 2' - Hauled by another locomotive
- Saturday 18th August - 'The Bard of Avon' - Hauled by another locomotive

The above are subject to any restrictions due to high fire risk imposed by Network Rail. Passengers will be contacted directly by the appropriate railtour promoter or booking agent when more information becomes available. It is planned that *Tornado* will return to traffic on the 27th August with 'The Canterbury Tale' from Peterborough to Canterbury and return.

The A1 Steam Locomotive Trust apologises for the disappointment that this will cause to all passengers who have booked on these trains and our supporters - we hope that there will be something of interest in the remainder of our 2018 and our yet-to-be-published 2019 programme of railtours and heritage railway visits.

We would like to thank our supporters, friends and colleagues in the industry for their support and assistance as we return *Tornado* to operations.



The newly completed Combination Lever and Union Link - Leigh Taylor



The lubricator and reservoir ready to be returned to the locomotive - *David Wright*

- **TORNADO'S BIRTHDAY PARTY** - By now you should have received your invitations for a very special event in Darlington, at Darlington Locomotive Works, on Saturday 28th July 2018, *Tornado's* 10th Birthday Party. The day will consist of showings of both our BBC documentaries, 'Absolutely Chuffed - the men who built a steam engine' and '*Tornado* - the 100mph steam engine' with Tom Ingall (presenter of these documentaries) being at the works too. We will also be looking at *Tornado's* achievements over the last 10 years, along with a bar, lunch, hog roast and band!
- **TORNADO AT TEN - PHOTOGRAPHY COMPETITION** - We would like to invite both budding and more established photographers to enter their photos of *Tornado* in her tenth year. The winner will receive two First Class dining tickets on a days railtour of their choice. Our judges will focus on interesting angles, light and surroundings. *Tornado* is taking trains along some beautiful routes this year, so it is the perfect opportunity to get that seaside, countryside or even city landmark shot! Please send your photos, along with your name, and the date and location they were taken, to competition@a1steam.com - you can find full details and terms & conditions [here](#).



Crowds of photographers at Victoria - *Peter Maynard*

- ‘THE DEVONIAN’ - Saturday 8th September. Departing from Birmingham Snow Hill station our train will be hauled as far as Bristol by a Class 67 diesel locomotive. At Bristol *Tornado* will be waiting to take our train west across the Somerset levels and on through Whiteball Tunnel to emerge in to the beautiful Devon countryside. After passing Exeter our train will traverse Brunel’s iconic sea wall where the railway runs along the coast weaving between the beaches, through tunnels under cliffs and passed the deck chairs and the ice cream vendors. Once away from the sea our route heads in land and here *Tornado* will be working close to its maximum as we climb over the fearsome South Devon Banks, a legacy from Brunel’s Atmospheric Railway. After such hard climbing we traverse over viaducts on the sinuous route through the picturesque landscape before descending into the Naval city of Plymouth. You can see full details [here](#).

TOURS

- Sunday 29th July - Anniversary Special Circulars around Yorkshire - **CANCELLED**
- Saturday 1st August - ‘The Mad Hatter’ - 10th anniversary train - Darlington, York and Wakefield to Chester - bookings through [UK Railtours](#) - **POSTPONED TO SPRING 2019**
- Saturday 18th August - ‘The Bard of Avon’ - Manchester Piccadilly to Stratford-Upon-Avon - bookings through [UK Railtours](#) - **TO BE HAULED BY ANOTHER LOCOMOTIVE**
- **RE-SCHEDULED** - Bank Holiday Monday 27th August - ‘The Canterbury Tale’ - Peterborough, St. Neots, Stevenage, Potters Bar and Finsbury Park to Canterbury and Dover Coast - bookings through [UK Railtours](#)
- Saturday 8th September - ‘The Devonian’ - Birmingham to Plymouth and return (*Tornado* Bristol - Plymouth - Birmingham) - bookings through [UK Railtours](#)
- **RE-SCHEDULED** - Saturday 15th September - ‘The Talisman’ - London to Durham (Option: Beamish or Darlington Locomotive Works) and Newcastle. Return journey with Deltic diesel locomotive D9009 *Alycidon* - bookings through [UK Railtours](#)
- **RE-SCHEDULED** - Saturday 29th September - ‘The Ynys Mon Express’ - East Midlands and North Staffordshire stations to North Wales Coast (Option: Ffestiniog and Welsh Highland Railway) - bookings through [UK Railtours](#)
- Sunday 7th October - ‘The Auld Reekie’ - Doncaster & York to Edinburgh and return - bookings through [UK Railtours](#)
- Saturday 1st December - ‘The Christmas Border Raider’ - West Midlands to Carlisle via the Settle & Carlisle Railway and return - bookings through [UK Railtours](#)
- Saturday 9th February - ‘The North Briton’ - East Midlands to Carlisle via the Settle & Carlisle Railway and return - bookings through [UK Railtours](#)

RECRUIT A FRIEND!

If you know of anyone who has a keen interest in railways, *Tornado* or even someone who simply likes photographing *Tornado* please forward this email to them in an attempt to encourage them to sign up to being a monthly supporter of No. 60163 *Tornado*. More information can be found [here](#).

ONE LAST PUSH TO GET (A TENDER) BEHIND *TORNADO*

The last few months have seen tremendous progress in our campaign to purchase No. 60163 *Tornado*’s tender. Membership of the extended 163 Pacifics Club has grown steadily since its launch in September 2013 and at the time of writing, 173 Pacifics of the extended 210 locomotives have already found new shed allocations, leaving only 37 remaining for sponsorship. Let’s complete the project we embarked upon in 1990 through the purchase of No. 60163’s tender before the start of her 10th birthday celebrations in August 2018. Any surplus raised will be allocated to the tender’s next overhaul.



*Tornado's newly re-painted tender at DLW
(John Wilkinson/A1SLT)*

How you can help:

We need to raise £200,000 by 2021 to purchase *Tornado's* tender. Following the success of our Regular and Dedicated Donation schemes for the construction of *Tornado*, the Trustees have on a similar method for the purchase of the tender. However, instead of "an A1 for the price of a pint" and "use your loaf", we've decided to raise the funds in a different way, "The 163 Pacifics Club". Although *Tornado* carries the number '60163', her pre-nationalisation LNER number would have been '163'. If 163 people were to donate £10pm over the eight years until we need to purchase the tender (or alternatively make a one-off donation of £960) with the addition of Gift Aid (£2.50pm or £240 one-off) this would raise £195,600. Due to popular demand, an additional 46 'Pacifics' were released from the Raven class A2s, Thompson classes A2/1s, A2/2s, A2/3s, Peppercorn class A2s and Gresley class A4s (including destroyed No. 4469 *Gadwall*). One supporter has chosen to sponsor the 'honorary Pacific', Gresley class W1 4-6-4 No. 10000/60700 which was un-named but also had 6ft 8in driving wheels.

Remaining Pacifics:

No. 2401 <i>City of Kingston upon Hull</i>	No. 2403 <i>City of Durham</i>	No. 2404 <i>City of Ripon</i>
No. 60053 <i>Sansovino</i>	No. 60066 <i>Merry Hampton</i>	No. 60073 <i>St. Gatien</i>
No. 60075 <i>St. Frusquin</i>	No. 60083 <i>Sir Hugo</i>	No. 60095 <i>Flamingo</i>
No. 60503 <i>Lord President</i>	No. 60504 <i>Mons Meg</i>	No. 60507 <i>Highland Chieftain</i>
No. 60508 <i>Duke of Rothesay</i>	No. 60510 <i>Robert the Bruce</i>	No. 60512 <i>Steady Aim</i>
No. 60513 <i>Dante</i>	No. 60514 <i>Chamossaire</i>	No. 60515 <i>Sun Stream</i>
No. 60516 <i>Hycilla</i>	No. 60517 <i>Ocean Swell</i>	No. 60518 <i>Tehran</i>
No. 60519 <i>Honeyway</i>	No. 60520 <i>Owen Tudor</i>	No. 60521 <i>Watling Street</i>
No. 60522 <i>Straight Deal</i>	No. 60524 <i>Herringbone</i>	No. 60526 <i>Sugar Palm</i>
No. 60527 <i>Sun Chariot</i>	No. 60528 <i>Tudor Minstrel</i>	No. 60529 <i>Pearl Diver</i>
No. 60531 <i>Bahram</i>	No. 60534 <i>Irish Elegance</i>	No. 60535 <i>Hornets Beauty</i>
No. 60536 <i>Trimbush</i>	No. 60537 <i>Bachelors Button</i>	No. 60538 <i>Velocity</i>
No. 60539 <i>Bronzino</i>		

As with the previous schemes, this initiative comes with benefits for those who generously take part:

- A numbered certificate recording the details of the donation and the number/name of your favourite express passenger pacific from the Gresley A3s/A4s, Thompson A1/1s, Peppercorn A1s, Raven class A2s, Thompson classes A2/1s, A2/2s, A2/3s, Peppercorn class A2s and Gresley class A4s (destroyed No. 4469 *Gadwall*)
- Name inscribed on the official Roll of Honour in Darlington Locomotive Works which will detail the pacific sponsored.
- Entry into a draw for a main line footplate-ride on *Tornado*.

It really is that simple! With your help *Tornado* could be debt free with her paid-for tender behind by 2021 so please complete the [donation form](#) today. Thank you.

ONLINE STORE

Our online store has everything for the *Tornado* enthusiast, from pens to models and children's T-shirts to adult's fleeces.

Contact shop@a1steam.com for details of smoke box number plates carried by *Tornado* - available to buy for just £200!

[Visit our online store to get your hands on some great *Tornado* merchandise.](#)

P2 UPDATE



Progress on No. 2007 - Mandy Grant

For more information about No. 2007 please click [here](#).

Roadshows

We will be holding a series of presentations on the project to build new Gresley class P2 No. 2007 *Prince of Wales*. Each presentation will feature key Trust personnel including Mark Allatt and David Elliott and will cover the background to the project, progress to-date, future plans and details of how to get involved. **We would encourage you to attend one of these Roadshows and bring along some friends and family members who would be interested in hearing about the project.** The two hour presentation will run from 11:00hrs to 13:00hrs on each of the days listed below and are open to existing supporters and interested members of the public:

ROADSHOW DATES FOR 2018:

- Saturday 1st September 2018 - Doubletree Hilton Hotel City Centre, Bristol
- Saturday 8th September 2018 - Derby Conference Centre, Derby
- Saturday 3rd November 2018 - Manchester Conference Centre, Manchester
- Saturday 8th December 2018 - Hilton Leeds City Hotel, Leeds.

HELP THE TRUST

Your support as Covenantors, Donors and Volunteers remains vital.

- DONATIONS - We continue to encourage donations of all shapes and sizes (every pound counts).
- COVENANTORS - We always welcome new Covenantors as we have overhauls and repairs to fund and still need to finance the balance of the support coach conversion - [Become a covenantor, learn more >](#)

- VOLUNTEERS - Do you have skills that could help the Trust? We can always use extra pairs of hands. If you enjoy meeting people, please consider joining our merchandising team at events and on tours. If your talents involve engineering, locomotive cleaning, or back office work, we can always find something for you to do. Contact volunteer@a1steam.com for more details.
- LEGACY PROGRAMME - We now have a Legacy Giving facility. [Learn more here >](#)
- THE 163 PACIFICS CLUB - join The 163 Pacifics Club to complete the financing of *Tornado*. [Learn more here >](#)

www.a1steam.com

Edited by graham.langer@a1steam.com

Picture Editor tony.watson@a1steam.com

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Our mailing address is:

The A1 Steam Locomotive Trust, Darlington Locomotive Works, Hopetown Lane, Darlington. DL3 6RQ
Tel. 01325 460163