



Britain's 100mph main line steam locomotive

Become a monthly Covenantor and help to keep No. 60163 Tornado on the main line.

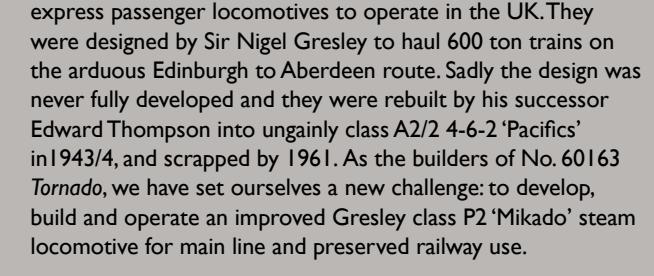
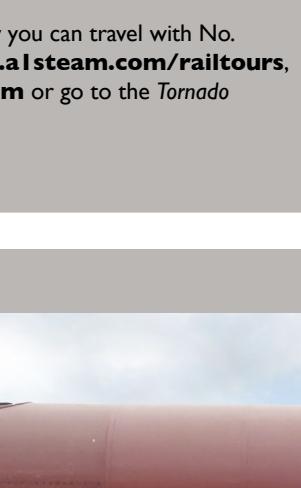
To find out more about becoming an AI for the price of a pint of beer Covenantor - regular donor - for No. 60163 from only £2.50 a week, please visit [www.alsteam.com](http://www.alsteam.com), email [enquiries@alsteam.com](mailto:enquiries@alsteam.com) or call 01325 460163.

## Travel on one of Tornado's main line railtours

The A1 Steam Locomotive Trust organises railtours hauled by No. 60163 Tornado that cover the length and breadth of the national railway network. Our railtours have a broad range of starting and pick up points, traverse some of Britain's most iconic and scenic railway lines and go to many of the UK's most historic cities and places of interest.

Our trains are formed of heritage Mk1 carriages, which provide a nostalgic journey back in time where passengers can enjoy beautiful scenery as plumes of steam drift past the windows and the locomotive's distinctive chime whistle can be heard. Whether you choose to travel in Premier Dining, First Class or Standard Class, you can be assured of a magical day out on a railtour with Tornado.

For more information about how you can travel with No. 60163 Tornado, please visit [www.alsteam.com/railtours](http://www.alsteam.com/railtours), email [railtours@alsteam.com](mailto:railtours@alsteam.com) or go to the Tornado Railtours Facebook page.



No. 2007 Prince of Wales outside Darlington Locomotive Works.

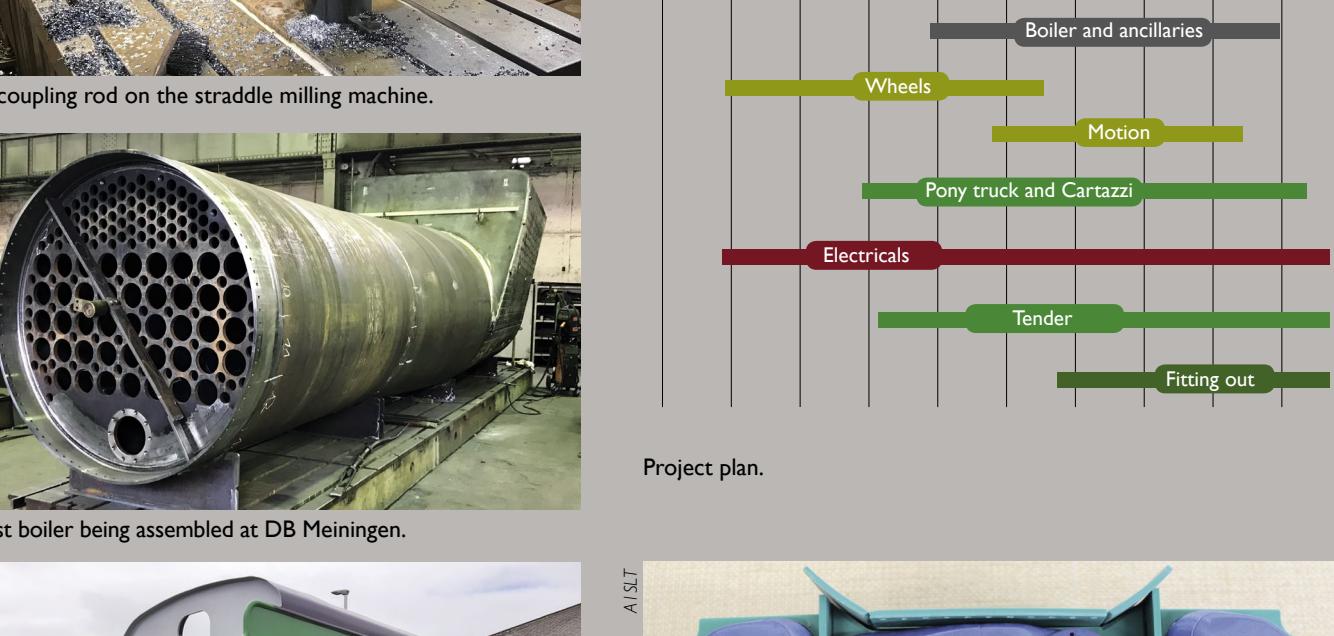
The Gresley class P2 2-8-2 'Mikados' were the most powerful express passenger locomotives to operate in the UK. They were designed by Sir Nigel Gresley to haul 600 ton trains on the arduous Edinburgh to Aberdeen route. Sadly the design was never fully developed and they were rebuilt by his successor Edward Thompson into ungainly class A2/2 4-6-2 'Pacifics' in 1943/4, and scrapped by 1961. As the builders of No. 60163 Tornado, we have set ourselves a new challenge: to develop, build and operate an improved Gresley class P2 'Mikado' steam locomotive for main line and preserved railway use.

The project to build the 7<sup>th</sup> Gresley class P2 'Mikado' is using the latest computer design and modelling techniques to enable it to deliver its true potential.

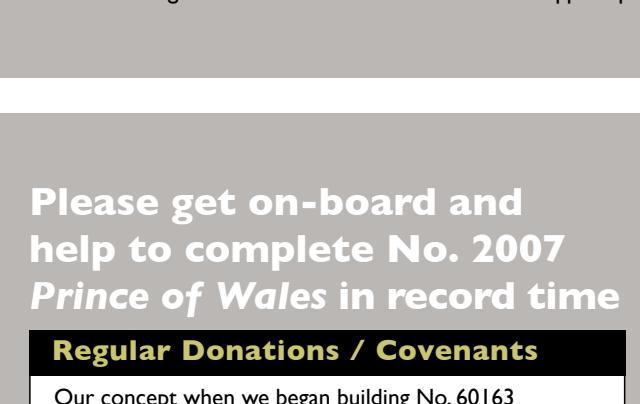
### The new locomotive will:

- Be aesthetically similar to class P2 No. 2001 Cock o' the North - it is a construction and development project not an opportunity for major redesign

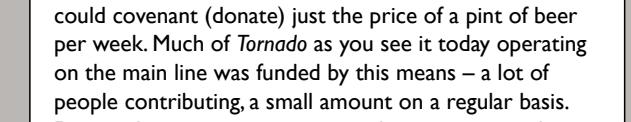
CAD model showing sources of design.



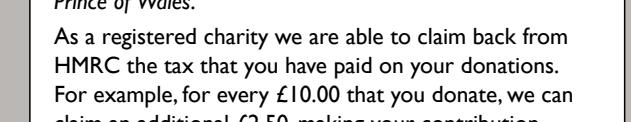
A coupling rod on the straddle milling machine.



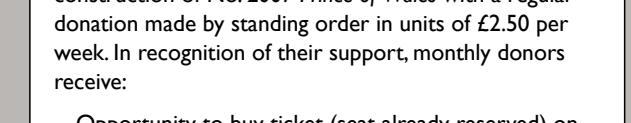
Tender tank in green undercoat outside DLW before wrapped up.



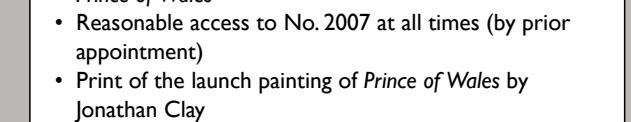
First boiler being assembled at DB Meiningen.



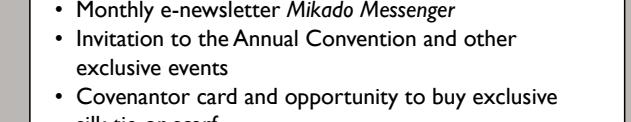
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