

The Welding Institute Sheffield Branch

Technical Meeting

Monday 28th October 2019

Prince of Wales – Re-creating an Icon of Steam



Presented by

Keith Crabtree – A1 Steam Locomotive Trust

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 4-6-2s in 1943/4, and scrapped by 1961.

As the builders of new main line steam locomotive No. 60163 *Tornado*, The A1 Steam Locomotive Trust has therefore decided to set itself a new challenge: to develop, build and operate an improved Gresley class P2 Mikado steam locomotive for main line and preserved railway use.

They are using the latest computer aided design and modelling techniques to realise the potential of the original design and estimate that No. 2007 *Prince of Wales* will cost around £5m to build over a 7-10 year period.

Time: A light buffet will be served from 5:30pm. Meeting starts at 6pm.

Venue: TWI Yorkshire, Advanced Manufacturing Park, Catcliffe, Rotherham, S60 5TZ

All welcome- members and non-members.

Please Enrol for the meeting on The Welding Institute Sheffield Branch webpage.

This technical event qualifies for CPD points