

**AUSTRALIAN ASSOCIATION  
OF LIVE STEAMERS  
TROPHY  
2021**



## AUSTRALIAN ASSOCIATION OF LIVE STEAMERS TROPHY

The Australian Association of Live Steamers Trophy is presented to the Federation of Model Engineering Societies to commemorate the affiliation of the two Associations. It is presented for annual competition at the Federation MES Autumn Rally under the following rules.



The AALS Trophy shall be awarded annually to the miniature working steam locomotive judged to be the best example of a Commonwealth prototype in any gauge between and including 2½ in. and 7¼ inch.

Competition for the AALS Trophy shall be open to all members of Clubs and Societies affiliated to FMES and such members may nominate their locomotive for judging. If deemed appropriate, the Judges may include other locomotives present on the day but not nominated.

FMES shall convene a Judging Panel comprised of the previous year's winner, a representative of FMES and a person nominated by the host society.

In the event that the Judges do not consider a required standard has been attained they may decline to award the AALS Trophy.

The winner may hold the AALS Trophy for a period of twelve months or less, as directed by FMES, and shall subsequently receive a suitably inscribed memento of the award bearing his or her name and a brief description of the winning locomotive.

A locomotive may only win the AALS Trophy once.

Only the owner of a locomotive is eligible to compete but may nominate a driver for the event. If not the builder, the owner shall declare ownership and identify the builder.

Professional model engineers shall not be eligible to compete

AALS shall be informed of the outcome each year, whether or not the AALS Trophy is awarded.

A photographic record of each winner shall be prepared for AALS records.

Photographs should show the builder with the AALS Trophy and views of the locomotive.

The Judges' decision is final and no correspondence will be entered into by either FMES or AALS.



No. 2807 heads away from Winchcombe on the Gloucestershire & Warwickshire Railway, May 2013. Photo: David J Smith.





Photo: Owen Chapman



## 5in gauge GWR 28xx 2-8-0 heavy freight locomotive built by Martin Parham, Maidstone MES

I started model engineering in 1970 by building a 5in. gauge Stirling Single which is still in running order and is used occasionally. My next projects were a 3½ in. gauge *Rob Roy* and a 4½ in. scale Simplicity road roller.

I was looking for a 5in. gauge passenger hauling locomotive in 1984 when Martin Evans started to describe *Swindon*, his GWR 2-8-0 heavy freight locomotive, in *Model Engineer* magazine. I liked the look of it so started to build it straight away as he was describing it. Unfortunately none of the usual suppliers were producing castings for it but, thanks to GWR standardisation, I was able to source available castings for other designs including *Firefly* wheels, *Torquay Manor* cylinders and tender castings and *Speedy* chimney and safety valve cover.

Cylinder castings are iron. The design was for either slide or piston valve; my version uses slide valves driven by Stephenson's valve gear.

I built the copper boiler myself using a rolled and seamed barrel supplied by A.J. Reeves to the published drawings. Unfortunately the barrel was dimensioned 1 in. too short, an error which I did not discover until I tried the boiler shell in the

chassis and found it did not reach the smokebox. I added a ring to extend the length after completing the boiler. This was one of several mistakes on the drawings which I had to overcome as I went along.

The completed locomotive had its first run on 21st May 1989 which is the reason for choosing the number 2889 - one of the 2884 class with the larger, side windowed cabs. The model has been in regular use ever since.

In 2018 a leak developed in the castellated barrel joint necessitating removal of the boiler. A strap was screwed and silver soldered over the seam to seal the leak and while the boiler was off, the chassis was totally stripped, shot blasted and repainted with some items of detail added to improve the appearance of the loco. The opportunity was also taken to photograph the chassis (below).

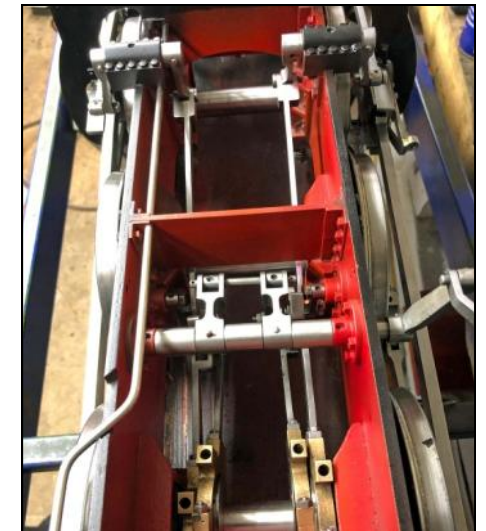
At the time of the Australian Association of Live Steamers Award in 2021, the locomotive had been steamed a total of 1,113 hours and had covered several thousand miles on tracks all over the UK.



Slide valve cylinders with temporary connection for air testing.



Completed chassis ready for air testing.



Stephenson's valve gear and rocker shafts to the outside valves.

Photos: Martin Parham

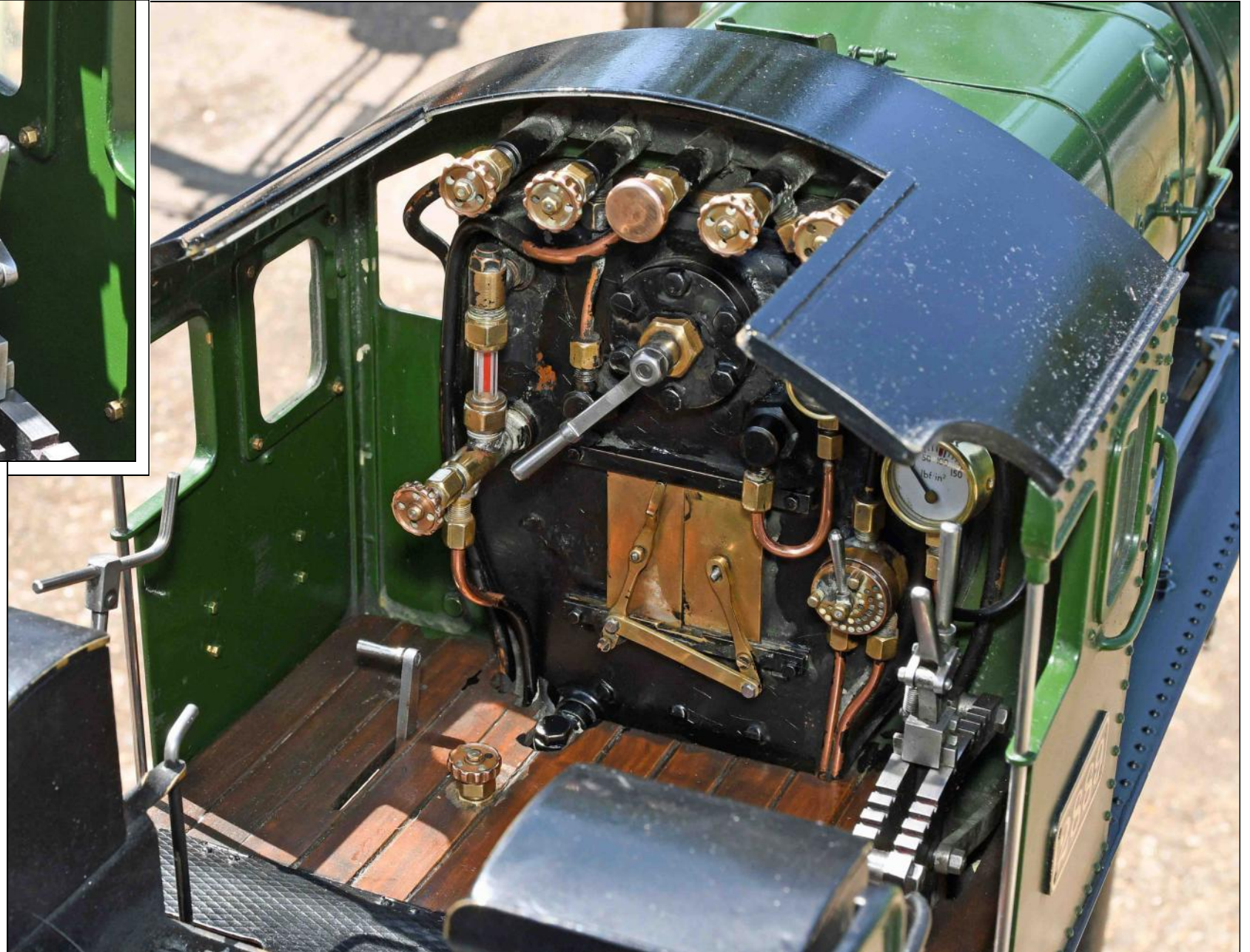
















Steam brake valve made to look like a vacuum brake valve.

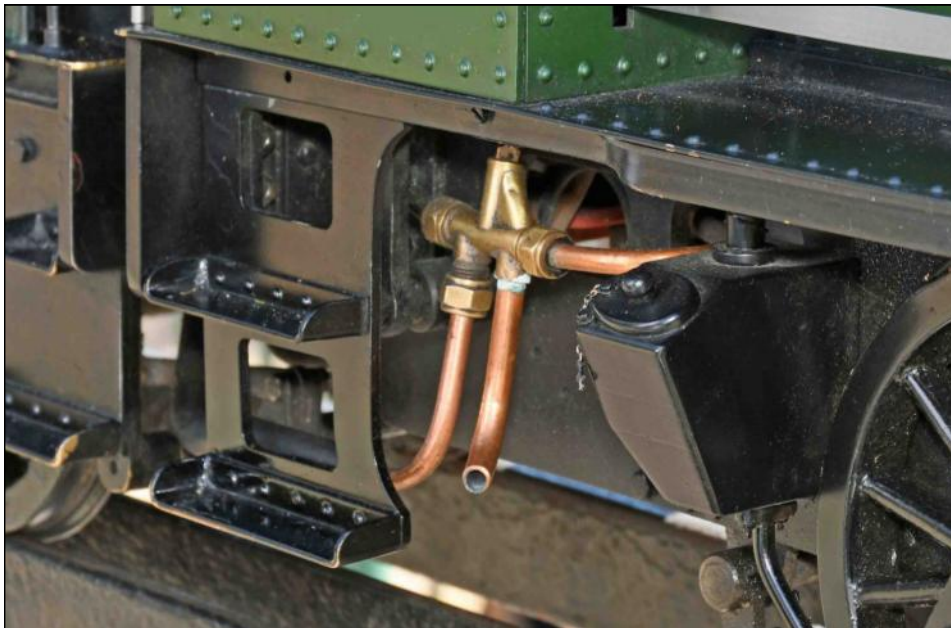




3D printed lamps.



Rocker shaft from the inside valve gear.



Rear sand box detail.



28xx, build completed 1989.





Martin's own efficient design pop valve in GWR housing.



Dummy whistles.



Crosshead pump gland.





Peter Squire, FMES Honorary Secretary, presents Martin with the AALS Trophy at the 2021 FMES Rally hosted by Reading Society of Model Engineers.  
Photo: David Goyder.







# Australian Association of Live Steamers Trophy Winners



Year	Winner	Club	Locomotive	Venue
1988	Francis Staines	Staines SME	5 in. Britannia	Whitchurch (Cardiff)
1989	Graham Gain	Birmingham SME	5 in. LTSR 4-4-2T	Canvey
1990	Ron Price	North London SME	3½ in. A4	Peterborough
1991	Gerry Tull	SMEE	5 in. King Arthur	Worthing
1992	John Heslop	Ryedale SME	5 in. LNER P2	Brighouse & Halifax
1993	Martin Parham	Maidstone MES	5 in. LMS/BR Duchess	Frimley
1994	Robert Booth	Brighouse & Halifax	5 in. LSWR T3	Edinburgh
1995	David Mayall	Bracknell RS	3½ in. BR Std Class 4	Newport
1996	Not awarded - no eligible entry			Ascot
1997	Andrew Breeze	Worthing & District	5 in. LBSC 0-4-2	Fareham
1998	Roland Thomas	Merthyr Tydfil	5 in. LNER B1	Nottingham
1999	John Richardson	Brighouse & Halifax	5 in. Crampton	Cardiff
2000	Not awarded - few attended due to petrol crisis			Kinver
2001	Graham Rayner	Brighouse & Halifax	5 in. GCR 4-4-2	Chesterfield
2002	John Hancocks	North Wilts MES	5 in. GWR Hall	Hereford
2003	Bernard White	Maidstone MES	5 in. Britannia	Saffron Walden
2004	John Peterson	Norwich & District	5 in. North London 4-4-0	Maidstone

Year	Winner	Club	Locomotive	Venue
2005	Edgar Playfoot	Maidstone MES	5 in. MR 4-2-2	Reading
2006	Tony Wall	Leeds SMEE	5 in. LNER B2	Brighouse & Halifax
2007	John Cousins	Harrow & Wembley	5 in. BR Std Class 5	Canvey
2008	John Wilks	Crawley ME	5 in. GNR Sturrock Steam Tender 0-6-6-0	Bracknell
2009	Richard Linkins	Romney Marsh MES	5 in. BR Std Class 2	Oxford
2010	Alan Ruston	Birmingham SME	5 in. SR Merchant Navy	Rugby
2011	David Beale	Leeds SMEE	5 in. LMS Black 5	Nottingham
2012	Glyn Winsall	Rugby MES	5 in. SR/BR 2-6-0	Chelmsford
2013	Bernard Clark	Northampton SME	3½ in. Ivatt Class 4	Northampton
2014	David Kerry	Chesterfield DMES	5 in. BR Class 9F	Leeds
2015	Ian Roberts	Basingstoke DMES	5 in. GWR 0-6-0 PT	Southampton
2016	Ivan Hurst	Bracknell RS	5 in. SR/BR 2-6-0	Guildford
2017	Bernard White	Maidstone MES	5 in. SR Merchant Navy	Fareham
2018	Tom Parham	Maidstone MES	5 in. LMS Jinty	Cambridge
2019	Les Pritchard	Harlington LS	5 in. L&Y Aspinall A Class 0-6-0	Maidstone
2020	Not awarded - event cancelled due to Covid-19 pandemic			
2021	Martin Parham	Maidstone MES	5 in. GWR 28xx 2-8-0	Reading

Base information compiled by Ivan Hurst with additional data from Mike Chrisp, David Mayall and Norman Rogers - September 2021





Photo: George Cannon









Photo: Owen Chapman

Booklet by Mike Crisp  
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