

THE SARUM MODEL TRACTION ENGINE CLUB

Affiliated to the Southern Federation of Model Engineering Societies.

Newsletter number 22. November 2012

www.sarummodeltractionengineclub.co.uk

Welcome to the Sarum Model Traction Engine Club newsletter.

Your Committee members are:

Pete Parrish, Chairperson.

Charlie Warne, Treasurer.

Roger Melton, Committee member.

John Findley, Committee/webmaster.

Martyn Jones, Secretary/Newsletter editor

Forth Coming Events.

7th December. **Christmas Meeting, venue, Idmiston and Porton Village Hall.**
7pm for 7.30pm start, Christmas fair and raffle prizes most welcome.

16th December **Derek Marder's Christmas Mince Pie Day and Steam Up.**
Jubilee Farm, Ox Drove, Andover, SP11 6ND 10.30am.

7th December 2012. Christmas Meeting, venue Idmiston and Porton Village Hall. 7pm for 7.30pm start. Christmas Fayre and Raffle. Please try and attend this end of year event, any raffle prizes and refreshments gratefully received on the night. Provisional format for the evening will be the usual noggin and natter, picture show, refreshments and raffle. A provisional basic calendar for next year will be available to view and once it has been confirmed a copy will be published in the newsletter.

The second Friday of December is the annual Victorian Christmas Extravaganza held in Hungerford, Berks, local shops in the main street are decorated with a Victorian theme and many of their staff wear period or festive costume. During the evening the main street is closed off to through traffic for the grand parade and the street is lined with side shows/stalls and a small fun fair, several steam engines usually attend and park up in the street for the evening including the Burrell 6nhp Showman's "Philadelphia" and Burrell 5nhp "Progress".

Please note that there will not be a December newsletter, but please still forward your submissions to the editor as usual, these will appear in the January 2013 edition.

A Life Time Passion for Steam, by club member Mike Penny will be continued in the new year.

For Sale and Wanted

Please send/email/ phone your adverts to the editor.

Wyke Down Run, 14th October

After a very wet and windy week the weather changed and Derek Marder's Annual Steam Up and Wyke Down Run was blessed with warm sunshine. This event attracts many friends and colleagues of Derek and was well supported with full size steam engines, miniature steam models, classic cars, classic motorcycles, commercial vehicles and tractors, although the road run was shortened this year to about 4 miles because of the many road works and diversions in the area everybody still enjoyed themselves. Club members supporting the event with engines included Andy Rogers and his grandson Elliott with their 4" Burrell, Tony and Heather Taylor with their 4" Clayton and Shuttleworth Road Roller "Samson" which also had a successful hydraulic and steam test on the day, Trevor Clay and his 3" Burrell and Steve and Jackie Anderson with their newly acquired 4" Burrell.

Andy, Trevor and Steve took part in the road run to the Wyke Down Inn with no major problems, Steve's flywheel started to come loose but that was soon rectified for the return trip back to the yard. There was plenty to see in the yard with most of the resident engines that did not take part in the run now in steam, a Merryweather steam powered fire water pump ticked over effortlessly all afternoon and a visiting fairground organ provided some back ground music to add to the atmosphere. As usual Derek provided an excellent spread of refreshments for all attending rounding off the afternoon with a raffle which was so well supported it was shoulder to shoulder in the workshop for the prize drawing.

On behalf of the Sarum Model Traction Engine Club our thanks to Derek for his welcome and hospitality.



1926 Fowler 12hp Ploughing Engine K7 class, No 16646 "Jack of Herts" returning from the road run.

"Just The Ticket Engineering Supplies", Roger Melton (club member) can supply from stock tools and materials for the model engineer and the light engineering industry. Typical stock includes drills, reamers, taps and dies, various lathe and milling cutters, BA nuts, bolts and washers, rivets, paints, steel/brass stock and much more. Catalogues are available so please give him a call on 01980 610058

2" Burrell (Steam Traction World)

January 2007 after what seemed a lifetime of restoring British classic motorcycles including a Vincent Black Shadow, Ariel Square Four, BSA Road Rockets and a Gold Star plus many, many more I decided to hang up my helmet and rekindle my other interest, steam. I have attended the Great Dorset Steam Fair most years from the very early days when it was held at Stourpaine Bushes, I even started making an Allchin during my apprenticeship years but that got side lined for fast Ford Escorts and the fairer sex. So back to 2007, after reading an Old Glory magazine I noticed an advert from "Modelworks" for a 2" Burrell, the seeds were sown and after paying the initial deposit the first few parts arrived on the door step. All was going quite well for a few months although the quality of some parts was questionable and subsequently returned for replacement. I had been assembling the kits using traditional methods, using rivets instead of the supplied rivet bolts, adding more detail where necessary and remanufacturing parts that I was not happy with. Out of the blue reading in the Old Glory "Modelworks" had gone into receivership (May 2008). I was now stuck with a set of wheels, tender, horn plates and a complete front end assembly, finding drawings to complete the engine was the first thought that crossed my mind.

Pete Parrish our chairman got to hear of my plight and put me in touch with a lady from Poole, who after 20 odd years was selling some parts of a 4½" Plastow Burrell that her late husband had started, the story of that purchase and build I serialised in the earlier editions of our newsletter.

Back to the "Modelworks" saga, a few months passed and I received a letter from Steve Baldock and Dean Rogers, two ex-employees indicating that if there was enough support and they could raise sufficient funds they would attempt to negotiate a buy out from the receivers. Well we all know the outcome "Steam Traction World" was born and up and running and once again parts started to arrive for my engine, mine was one of the first boilers supplied by them so I could now attach the smoke box assembly, the horn-plates and sit the engine on its wheels, at least I now had something that resembled an engine.

The building of my 4½" took priority and that was finished and steamed earlier this year, all of the parts for the 2" had arrived long ago and had been sitting in a box so the time had come to finish the assembly, get every thing to fit and turnover and then strip it down for paint, taking advantage of the "warm" late summer I chose the same paint colour scheme as the 4½" although the lining is a little tricky and for the wheels our chairman is going to show me the black art of very thin lining so that I can complete the engine.

I am not going to steam the engine at the moment as I intend to keep it in the sitting room next to the television! and I think the lingering smell of soot and steam oil on the carpet might upset "she who must be obeyed" but watch this space.

Martyn Jones.



Just the lining of the wheels and the hub caps to fit and its finished after five years!

Freelance Lamps.

I have all ways fancied fitting a pair of lamps to my 4½" Burrell "The Linnet" but looking at the price of "off the shelf" items I thought, I have got plenty of time, Plastow drawings, I'll make some. Looking at lamps on various full size engines and real lamps for sale on "Prestons" web site I decided to rough scale an Eli Griffiths front lamp. A few sketches were made and a quick look around the workshop turned up enough material of suitable size to start the freelance manufacture, steel tube from the exhaust tail pipe from my Westfield kit car I built during the 1990's was suitable for the main body, 2" diameter aluminium bar for the top and bottom, brass and steel sheet, brass tube for the front lens reflectors and some clear plastic sheet to make the bulls eye lens.

For the front lens reflector I machined the required profile onto a piece of aluminium bar, annealed the brass tune and pressed it onto the profile, result, an excellent shape and no splits. For the beaded edge around the reflectors I machined two round profiled rings from brass bar with a small location step and silver soldered them to the reflectors. I did not have any round clear plastic bar to manufacture the bulls eye lens so using some 4mm clear plastic sheet I warmed it with a gas torch being careful not to blister the surface, placed it over a piece of tube and then pressed a very large steel ball bearing into it, when it cooled the lens was cut and filed to fit the reflector.

The side lens holder was developed from the mild steel sheet, silver soldered together and then soft soldered to the lamp body, a flat lens made from 5mm clear plastic sheet was bevelled and fitted to these.

The top and bottom parts of the lamp were machined from 2" aluminium and profiled to replicate the originals (within reason). The burner was the next hurdle, I did not want to use paraffin or a tea light candle so a suitable battery system was to be investigated. After a Sunday trip to "The Range" (superstore in Andover) to view their Christmas display I purchased two tiny fibre optic LED powered Christmas trees. For £1.99 each they contained a switch, battery pack and the LED, after dismantling the trees the whole power pack was built into the base part of my lamp, for a brighter light I changed the LEDs to slightly bigger ones salvaged from some old garden solar lights.

The inside of the lamps are painted white as original (thanks for that info Pete), the outside a matt/satin black leaving the brass beading and the reflector natural. Total cost for the lamps, £3.98 for the LED Christmas trees plus the pieces of metal found in the workshop and a few hours electricity for the lathe and mill.

Martyn Jones



Slave assembly before paint.



Finished lamps ready to fit.

The committee of the Sarum Model Traction Engine Club would like to wish all of its members, their family and friends a very happy Christmas and New Year, and look forward to seeing you in 2013.