

**NORWICH & DISTRICT SOCIETY OF MODEL ENGINEERS**

Founded 1933

Incorporated 1967

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**eBULLETIN**

**APRIL 2017**

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**Robert's latest project**

*See inside for more...*

## DIRECTORS MEETING 5 APRIL SUMMARY

Present MR, BF, RM, DB, MRh, PK, AS and Company Secretary JM

Two wheelbarrows and a generator have now been delivered.

A letter to be written to the City Council to inform them that we have met our charitable obligations for 2017.

The insurance cost for the club was agreed. This does not include buildings. Buildings are covered by a council fund but have been advised to investigate our own insurance as the council scheme is very slow to pay out.

The treasurer reported that the accounts were healthy and in good order.

Money in dispute in connection with a former member has been fully provided for in the 2016-17 accounts. The money remains outstanding and efforts to recover will continue. Rail chairs which are now surplus to requirements have also been written off in the accounts. The chairs will be put up for sale.

The 5" gauge trolleys retrieved from a former member will not be finished off by the club, but if any member wishes to pursue the project they should ask a Director for details.

It was noted that the total signalling system was approved in the minutes dated 29<sup>th</sup> Oct 2014 and so it was agreed that a sum not exceeding £2000 be set aside to complete the installation and to be spent over a 2 year period from now.

Evergreen Railway is to be invited to run at Eaton Park on the 10<sup>th</sup> September.

A club secretary is required to conduct all social correspondence. This post is in addition to and different to the Company Secretary who is at present listed on the web site and receiving all correspondence. MR will now be the contact and pass on the correspondence to which ever person it concerns

Design of new membership card was approved and the mem sec will get costings. Members will receive their cards in a few weeks time.

A ticket stamping device was approved for purchase for use with the new tickets for public running

DB to test crane and record in the service book



## BOILER TESTING

A service for members – by arrangement.

Contact the Chairman.

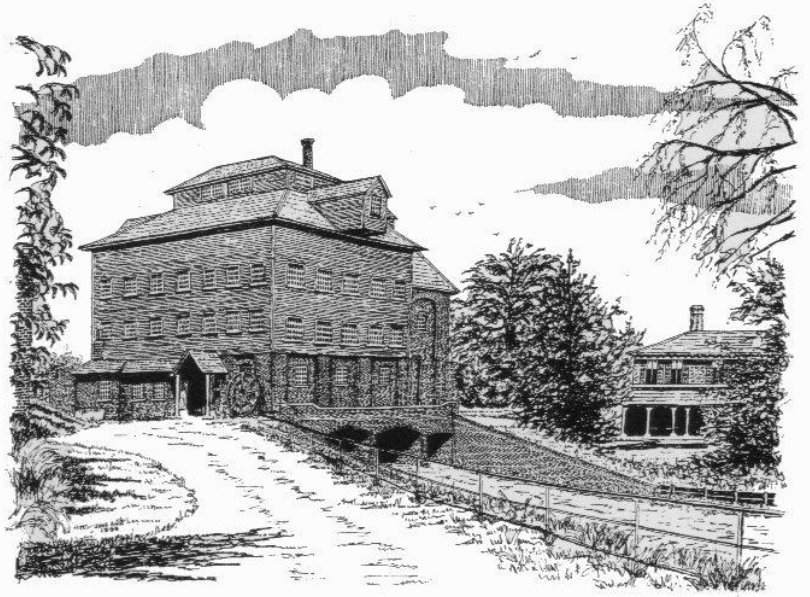
### IMPORTANT NOTICE

Please note that the NDSMEs insurance policy does NOT cover any members' locos or assets stored at Eaton Park. Members should ensure that their own insurances cover this eventuality, should they wish to store any locos, rolling stock or other items at the Society premises.

## Cover Story

### Robert Bailey's project – Beeleigh Mill, Essex.

I am making a 1/16th model of the Beeleigh Mill Woolf compound jet condensing beam engine, built circa 1835. Beeleigh mill (right) was large flour mill on the river Chelmer near Maldon, Essex. It had two water wheels driving 10 stones, to which was added a separate building which housed a steam-powered beam engine driving five millstones. The main building housing the water-powered wheels burnt down in a fire in 1875.



The site, which is Grade II\* listed, now comprises the building housing the steam engine (left) and the drive gearing for its millstones, the brick housing for one of the waterwheels, and the two adjacent brick-lined barge docks used for loading flour for shipment to London.

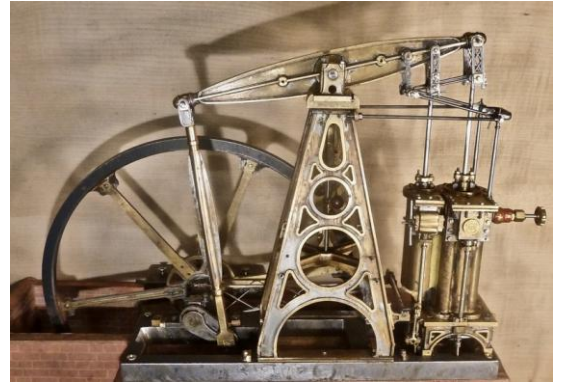
The steam mill is divided into 2 rooms, separated by a brick partition. The smaller north-western part is full height and contains the complete iron, double-acting Wentworth compound steam beam engine which was installed in 1845. Alongside is an 'Elephant' boiler with 2 safety valves and firebox. It is the only surviving example of this type of boiler in England, though it was more popular in France and Belgium.

The ground floor of the larger room contains the drive gears including a circular-plan iron hush with an iron upright shaft with great spur wheel, which drive each of the five pairs of stones.

The upper floor has the emplacements for the stones. The drive shafts are in place, but the stones themselves are no longer there.

Although not currently visible, a hide-out was built during WW2 under the floor of the steam mill for an auxiliary unit to hide should the enemy invade. Access was from a trapdoor in the building, with an escape route which came out in the tail-race tunnel from the nearer mill-race. After the war, this hide-out was filled in by the army.

The engine complex burnt down in 1875 and has been derelict since then. There is a group that is currently restoring this engine and the hush and I have been visiting it for the past 2 years and have almost finished this model (right). I have had to guess what is happening inside this engine as it has remained neglected since 1875 and is very rusty. I have had the model engine in steam and have made a video of it. I have also made a perspex model of the condenser/air pump to see what the work entails and also to show what is concealed inside the castings. The model air pump incorporates lift valves that use chamois leather as the valve rather than rhinoceros hide or latex rubber as in the original. The engine was made by Wentworth and Sons in Wandsworth, and there is a sister engine in the former *Young's Ram* brewery in London, which closed in 2006.



## Caption Competition



Mike Fordham has sent in this pic of the B12 loco, "sometime in the past".

But, what is going on here?

Suitable captions please to

[webteam@ndsme.co.uk](mailto:webteam@ndsme.co.uk)

No prizes, but then again nothing nasty either!

## ARE YOU A MEMBER OF THE MEMBERS AREA?

ALL MEMBERS OF THE NDSME MAY GAIN ACCESS TO THE PRIVATE MEMBERS AREA OF THE NDSME WEBSITE. TO OBTAIN YOUR LOGIN DETAILS, CONTACT [webteam@ndsme.co.uk](mailto:webteam@ndsme.co.uk) WITH YOUR MEMBERSHIP DETAILS

Found on the Internet...

# EATON PARK MINIATURE RAILWAY WOULD BE NATIONALISED UNDER CORBYN GOVERNMENT

J.Strummer & A.West |

\* Model Engine Enthusiasts to Receive Living Wage

\* But Staff Face Lengthy Prison Terms / Exile If Trains Do Not Run To Schedule



Corbynite Labour Councillors in the Nelson and University wards of Norwich have been setting out their vision for the Golden Triangle under a Labour Government.

Up until this moment, Golden Triangle residents had believed that they'd voted to live in an **enlightened socialist idyll**, lead by a **dashing and smiley** former TV presenter.

But today they are **reeling** at the prospect of returning to **back-breaking factory work** under the iron fist of a **Trotskyist revolutionary regime**.

Don't worry, this was a spoof!



## COMEDY CORNER



Normal people believe that if it ain't broke, don't fix it.

Engineers believe that if it ain't broke, it doesn't have enough features yet.



CHARLES REGRETTED HIS RADICAL SUGGESTION OF INCLUDING A PRINTED MANUAL WITH THE NEW RELEASE

## Spotted on Youtube

### HOW TO MACHINE A STEAM ENGINE CYLINDER - MODEL ENGINEERING FOR BEGINNERS

<https://www.youtube.com/watch?v=cYeFIDaxMCM>

## Roundup – a peek into other society journals and onlines



On North Norfolk's facebook page.  
Does he look familiar?

Andover SME are building a new  
Signalbox on the junction of their  
7.25" extension line



## HSG216 and the NDSME

At the recent EGM, the Society adopted HSG216 as the guidance for all operations involving carrying non-members on the two railways at the park. If you are involved in any way with public operations, you should familiarise yourself with this document. It is currently available online at

<http://www.vulcan.works/media/hsg216.pdf>

and is also available on the Southern Federation website or in our members area. A copy is also kept at the clubhouse.

Please take the time to read through this important document. Our railways have an excellent public safety record – let's keep it that way.

***IF IT'S UNSAFE: REPORT IT -REMOVE IT-REPLACE IT!***

## STILL MISSING DVDs

Last Christmas Pete King borrowed the "*British Steam*" book & 2DVD set from Ken Bye and took it home for a look. When he opened it up only the book was there, the two DVD's were missing. Ken had no idea that they were missing so it looks like someone else borrowed them and forgot to put them in the case before returning to Ken. If anyone has seen them, borrowed them or knows where they are, please return them to the clubhouse so that Pete can watch and then put the set back together. His guess is that they are lying on someone's DVD player. Photo below is of book and package so just need the two DVDs.



If they don't show soon we're calling this guy in!



## From the Archive



A fine study of the former covered concourse at Lowestoft Central. Sadly, this roof was ripped out by BR in the 1990s and the station is but a shadow of what it once was



## **Forthcoming Events**

- 12 April 17 *Powder Coating for Model Engineers*, by Brian Parker. Eaton Park
- 26 April 17 Visit to Jarrolds Print Museum. 1:15pm. Contact Mike Fordham for details
- 10 May 17 Visit to Ashmanhaugh Light Rly. 7pm. By own transport.
- 13 May 17 Coach to Doncaster Show. D.EP @ 0730. Contact Roger Montgomery to book.
- 10 June 17 *Maxitrak* visit to EP. From 10am
- 14 June 17 Visit to Bure Valley Rly. Meet at BVR at 6pm. Contact Chairman for details.
- 12 July 17 BBQ @ EP. Evening

If you have any suggestions for future meetings, let us know. Remember there is still a vacancy for Meetings Organiser too! Email the chairman if you'd like to help.





## NDSME and Good Causes

Our charitable commitments for 2016-17 have now been met. Beneficiaries include EACH Nook Appeal, Children in Need, Clare School, Parkside School, Colman School, Harford Manor School, East Anglian Air Ambulance and the Lord Mayor's Charity Fund. A total of £3960 was raised and shared out. Well done to all those NDSME volunteers who gave their time for these good causes.

### A mystery picture

Below is a screen grab from a facebook page. The date is probably wrong, so what is the correct date, and who are the people involved? Answers to [webteam@ndsme.co.uk](mailto:webteam@ndsme.co.uk) please



Coming soon! *Maxitrak* Day at EP – Saturday June 10<sup>th</sup> 2017

## News from Eaton Park Min Rly

The railway opened to the public on the 2<sup>nd</sup> of April this year. This was the start of the school holiday fortnight and the public came in large numbers, 914 in fact. Locos operating were dieselmike's quarry loco, Pete King's Hunslet and Richard Crook's CIE loco (pic right, with a "works train"). All these performed faultlessly. We were one passenger car short but managed to carry all with no problems. Allan Shirley made more than a few circuits with his personal freight train and rather seemed to enjoy going round and round without getting dizzy! The new ticketing system performed well too and Bill Rout seemed to relish his role as ticket inspector! Charlie the Younger was in the signal box and has already mastered the system.



## NDSME directors (committee) and officers as at April 2017

President	Neville Gower	Company Sec.	Jim McDonell
Chairman	Barry Fane	Membership Sec.	Allan Shirley
Treasurer	Jim McDonell	Publicity	Mark Rhodes

Other directors: Peter King, Dave Beeken, Roger Montgomery, Mike Riches and Philip Moore.

Bulletin distribution, *digital* – Allan Shirley, *hard copy* – Philip Moore. There are a number of other roles, such as meetings organiser, that need filling. Contact Barry Fane if you can help. The email is [chairman@ndsme.co.uk](mailto:chairman@ndsme.co.uk)



### *A message from the membership secretary...*

*With the club's new year starting at the beginning of April the total number now stands at 82 paid up members across all categories. The number of members who prefer a posted paper bulletin is down to just 9 and could be down to 7 if 2 people can update their form. Only those on my list of members will be kept up to date with bulletins, everyone else will be regarded as 'lapsed'. Soon I will publish a list of members but not all names will be shown due to the fact that some prefer to be anonymous. All have been allocated a randomly generated membership number. I'm about to deal with the detail of the card with a printer to get that issue resolved, so very soon those who have given me a 'sae' for their card will see it on the doormat.*

*Allan*

## For Sale For Sale For Sale

**Pete Otley** has lots of model railway stuff for sale as he runs down his shop. These include, Model Railways - OO Gauge & N.Gauge All Construction materials including Scatter materials, Flock, Static Grass, Grass Mats, Hedge Foliage, Tree Foliage, Back scenes, Super quick Buildings, Figures in all Gauges, Dapol Plastic Kits, Knightwing, N Gauge Plastic kits, Model Plants, Various Vinyl Decals, Trackside Decals, Sankey Signs, Plasticard in White & Black, Brick Paper, Grain of wheat Bulbs, Grain of rice Bulbs, Various colour Led's, Brick embossed plastic sheets, PD Marsh Figures & Station Accessories, OO Gauge Canal boat Kits, Glues & Adhesives etc.

Building Materials – Piano Wire, Brass Wire, K&S Metal Extrusions (Brass Copper & Aluminium Rod, Tube, Sheet etc., Plastruct Plastic Extrusions, Balsa wood sheet Strips & Blocks, Mahogany Strip wood, Spruce Strip wood, Obechi Strip wood, Craft Tools, Foam Board

Plus a large range of model Boat & Model Aircraft accessories including Brass propellers, Propshafts etc., and a large range of vinyl Lettering & Decals for all types of models.

Contact Pete on 01692 652960



**Pete Franklin** has surplus materials for disposal

Surplus metals and materials of most types in all shapes and sizes too many to list but 40 years collection so a lot. Downsizing to smaller gauges and selling larger pieces at scrap price which is by weight, no VAT of course and no carriage charges, buyer collects !!!!!!!!!!! Just ask with your sizes and types required. The lot will be weighed in if not sold. Contact Pete on [pef@talktalk.net](mailto:pef@talktalk.net)



**Brian Baker** has a 7 1/4 Bridget 0-4-2 chassis for disposal. Although there is still some way to go, a lot of work has been completed to a reasonable standard, and it could shortly run on air. This is a manageable loco, castings for which are still available from Reeves. Included are a few drawings & a write



up. Current cost of the castings included is over £1000 but he is looking for £375 from club members. Contact him for a viewing at [leighsteamer\(at\)btinternet.com](mailto:leighsteamer(at)btinternet.com) or ring.



## **STOP PRESS STOP PRESS STOP PRESS**

**Parklands Railway** (Hemsby) – open day for NDSME members. Tuesday 1st August, 1430 onwards.

**Please note** change of venue for formal meetings, from Angel Road to Eaton Park

**DONCASTER (formerly Harrogate) EXHIBITION** Sat 13th May. Our coach departs Eaton Park @ 0730, returning approx 2100. The coach fare is £23 per person. Tickets for entry to the venue can be obtained online, £ 10.00 Adult, £9.00 Concession, Under 16 £3.00, or on the day. Book your tickets (and pay your money, cheque or cash) without delay, contact Roger Montgomery (01603 403395)

**Brandon & District** SME invite NDSME members to a talk on making castings, on Sat June 24th starting at 1000hrs. See member's area for fuller details..