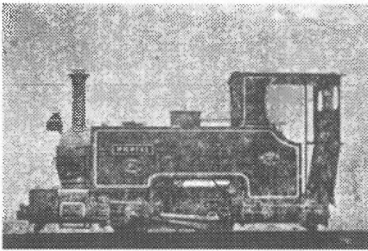
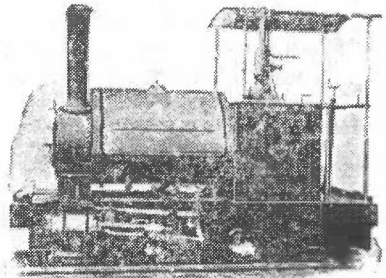


THE NARROW GAUGE



Hunslet Engine Co. Ltd.

LEEDS CORPORATION
SEWAGE WORKS
"Microbe"



W. G. Bagnall Ltd

THE NARROW GAUGE RAILWAY SOCIETY

No. 8

Locomotive News

0-4-0 S/t "Isabel" (2'0" gauge) is now mounted on a pedestal at the Castle Engine Works of Messrs W.G.Bagnall Ltd., Stafford. She has been painted dark green, with yellow lining and red buffer beams. A plaque has been fixed below the engine which reads :-

W. G. BAGNALL LTD
(FOUNDED 1870)

"ISABEL"

THIS LOCOMOTIVE WAS BUILT IN THE YEAR 1897 FOR THE CLIFFE HILL GRANITE CO., MARKFIELD, LEICESTERSHIRE. IT WAS BROUGHT BACK TO STAFFORD IN THE YEAR 1953 - CORONATION YEAR - AFTER FIFTY SIX YEARS SERVICE AND HERE SET UP AS A MEMORIAL TO THE THREE THOUSAND STEAM LOCOMOTIVES SENT OUT FROM THE CASTLE ENGINE WORKS AND TO THE MEN WHO DESIGNED AND BUILT THEM.

0-4-0 S/t "Peter" (2'0" gauge) was loaded up at Cliffe Hill Quarries on Thursday 11th February and transported by road to Stafford where it is undergoing overhaul by Messrs. W.G.Bagnall Ltd. The weather was far from good, but the event was duly photographed, and prints are available from either P.F.Dyer c/o 25 Meyrick Road, Stafford (P.C. size 1/-) or the Hon. Sec., Leeds. The locomotive is in a very good state of preservation, so far as can be ascertained, but in order to put it into safe working order, it is intended to launch an appeal for funds to cover the cost of repairs, transportation, etc. and an initial target of £140 has been set. The appeal goes out to ALL locomotive enthusiasts who share our desire to see our own locomotive running on our own line eventually. If you think that it is a lot of money, we agree - it is, but we could have been presented at some time with another locomotive in "working order" which might have required - indeed probably would - reboiling within a short time, and that would be prohibitive. The main reason for having our locomotive thoroughly overhauled is to protect those of us who, we hope, will have the good fortune to operate it in due course. Many members have sent in donations already towards general preservation, and for those we are truly grateful. Now we are going all out to hit the target so here is the Hon. Treasurer's address :

D.F.Nichols, Esq., 16 Hare Park Mount, Farnley, Leeds.

By the way, all money items should be sent to the Hon. Treasurer, not to the Hon. Secretary.

0-6-2 S/t "Barber" (2'0" gauge) is still at the Harrogate Gas Works, though we are hoping to find a permanent home for it soon. It is a difficult task, and there is the ever-present threat that if we do not move it, it will be broken up.

2-6-2T "Russell" (1'11 ½ " gauge) has been acquired by the Birmingham Locomotive Club and it is hoped to have it permanently preserved at Caernarvon, where the Town Council have expressed an interest in it.

Unauthorised removal of locomotive plates often deprives historians of valuable information; all the plates from the Cliffe Hill locomotives have been removed recently, including those off our own engine, by "persons unknown". Regrettable, but there it is.

"Mercedes"
(see front cover)

This locomotive was built in 1904 for the 3' gauge lines of Messrs Greaves, Bull and Laking Ltd., of Harbury, Warwicks. (now Associated Portland Cement Manufacturers Ltd). It was identical to one supplied in 1900 and named "Robinson".

Leading dimensions are as follows :

| | |
|---|-------------------------|
| Driving Wheels | 1'7" diameter |
| Wheelbase | 3'0" |
| Cylinders | 6" x 9" |
| Pressure | 140 lbs./sq.in. |
| Tank | 100 gallons |
| Bunker | 6 cu.ft. |
| Front overhang | 3'3" |
| Back overhang | 4'0" |
| Max. height | 8'0.7/16" |
| Max. width | 4'9" |
| Boiler barrel | 4'3" long, 2' 2 ¼" dia. |
| Firebox | 2'6" long |
| Cylinders inclined | 1 in 15 |
| Cyl. Centre to centre of driving wheels | 5'0" |
| Price-Baguley Valve Gear | |

Two more engines, being very similar but of smaller dimensions, were built in 1905 and 1907 and named "Maudie" and "Mildred" respectively. They had 1'3¼" diameter wheels on a 2'6" wheelbase, cylinders 5 ½" x 7 ½", pressure 140 lbs/sq.in. and a tank of 70 gallons. Due to their being rather small for the work, they were both sold several years later.

It is interesting to note that the railway is still in use today, the motive power being provided by two 2-4-0 John Fowler diesels.

"MICROBE"
(see front cover)

This diminutive 0-4-0T was built by the Hunslet Engine Co., Ltd., for Leeds Corporation Sewage Works at Knostrop. It was painted black with red lining, and carried a nameplate on each tank side, as well as an owner's plate which read "Leeds Corporation Sewage Works Knostrop No. 1". The Works Plates were carried on the cab sides (No. 1028).

Leading dimensions were as follows :-

| | |
|------------------------------------|-------------|
| Gauge | 1' 11 5/8" |
| Cylinders | 7" x 12" |
| Diameter of Wheels | 2' 0" |
| Tank Capacity | 180 gallons |
| Fuel Capacity | 7 cu.ft. |
| Height from rail to top of chimney | 8' 2 ¼" |
| Total Width | 5' 4 ½" |
| Length over buffers | 14' 2 ¼" |

| | |
|---------------------------|-----------------|
| Weight - in working order | 8t. 14cwt. |
| - light | 7t. 4cwt. 2qrs. |
| Working Pressure | 160 lbs. |

It was sold in 1922 to the Leeds Sand and Gravel Co., ultimately becoming the property of B.Whittaker & Sons, Leeds, who took over that Company.

It worked at Stourton and Rothwell Sand and Gravel Quarries until 1929/30 when the quarries were closed and the plant disposed of. It is believed to have been broken up about that time but as yet no records show its final fate.

Modelling Notes

0-4-0ST "Nellie" makes her appearance on the inside of the back cover this month. Built at the request of the Society, it has been produced primarily to encourage modellers, especially younger ones, who have limited cash reserves and who lack facilities for building their own locomotives. It is a sturdy, powerful job, and is fitted with a Romford 3-pole motor. It will take a lot of "hammer", and to those of you, thinking of starting a narrow gauge layout, we can recommend this locomotive. If you prefer a name of your own choosing, state when ordering.

Price, to NGRS members only, is £5.10.0. Cash with orders made out to "A.S.Dunning (Models)" and crossed, should be sent to :-

P.S.Halton Esq., Model Engineering Rep, NGRS,
18 Eden Crescent, Leeds 4.

quoting membership number. The scale is 7mm, using 16.5mm track.

Lynton & Barnstaple Railway fans should stand by for the new "Micromodel" in course of production. Details are not yet available of the actual locomotive concerned, but orders are now being accepted by Douglass Models, Broad Carr Lane, Hollywell Green, Halifax. Price 2/6d plus 2d. postage [*presumably a card cut-out kit!*]. It should be ready in a month or two, in the meantime, if you are a L&B fan, please be patient!

Douglass Models are now exporting overseas, and models of the Tal y Llyn Railway's "Douglas" and "Dolgoch" are going to New Zealand and Australia respectively. Both are powered by "Phantom" motors.

Area News

YORKSHIRE It is hoped to start building six 2'0" gauge four-wheel passenger cars this year for use when we get down to running our own engine. If anyone can assist in obtaining six Hudson o/frame tipper chassis, please contact R.P.Lee (NGRS C&W Dept), The Willows, Fenay Bridge, Huddersfield.

KENT Mr. W.J.K.Davies, Merton Court, Knoll Road, Sidcup, Kent has been appointed County Agent for Kent. Kent (and Surrey) members should contact Mr. Davies in case meetings can be arranged.

LANCASHIRE Next meeting will be on Saturday 15th May. Provisional programme includes a morning visit to the Liverpool Overhead Railway, lunch, followed by Society matters and probable track running facilities for 16.5mm models, tea, followed by a film show. Details from Capt. Thos. E. Corlett, 53 Plane Tree Road, Bebington, Cheshire.

STEPHENSON LOCOMOTIVE SOCIETY VISITS

Friday 11th June, Penrhyn (2'0")

Saturday 12th June, Snowdon (2' 7 1/2")

Details from H.D.Bowtell, 29 Langdale Road, Victoria Park, Manchester 14.

Saturday 26th June, Welshpool & Llanfair (2'6")

Sunday 15th August, Fairbourne (1'3")

Details from W.A.Camwell, 16 Hutton Road, Handsworth, Birmingham 20.

Drawings

The Model Engineering Representative is preparing a series of drawings of locomotives and rolling stock of the Londonderry & Lough Swilly (including Letterkenny & Burtonport), County Donegal, Tralee & Dingle, North Western Railway (India) and Harrogate Gas Works (including "Barber"). Full details will be announced in our next issue. In the meantime, individual enquiries may be addressed to Mr. Halton (see below).

By courtesy of the management of the County Donegal Railways we are able to offer to members only a limited number of drawings of Railcar No. 19, price 1/- plus 2 1/2 d. postage. Apply direct to the Model Engineering Rep.: P.S.Halton, 18 Eden Crescent, Leeds 4, quoting membership number.

Leek & Manifold Railway

Mr. K. Lister, 95 Dewsbury Road, our Industrial Rep., writes :-

"A friend of mine, slightly interested in railways himself, had occasion to visit a Leeds scrapyard on his job, and while he was there noticed this large plate with Leek & Manifold Railway on it. Some time later he casually mentioned this to me asking if I was interested. No more need be said, so off I beetled down to the scrapyard and there lay the plate - "Leek & Manifold Light Railway - J.B.Earle - Kitson & Co.Ltd. - 2 - Leeds 1904". On enquiry I was told it had been there for quite some time and owed its present existence to the fact that the shearing machine had broken down and so they were unable to cut it up. I was then informed that another plate just like this one was being used as a drain cover somewhere in the yard. After much searching the improvised drain cover turned out to be the twin of the first, and so here lying in this small scrapyard in Leeds were both the plates off a Leek & Manifold loco scrapped nearly seventeen years ago.

A promise was obtained that the plates would be kept on one side for a month and later, after much arguing with a typical Yorkshire business-man I purchased them on behalf of the Society - 60lbs. of gunmetal! It is fairly certain that the plates would [have been] purchased along with other scrap from Ge. Cohen's at Stanningley (where the loco was broken up - Ed.) and thanks to two strokes of luck they are now the property of the Society and a small reminder of one of the most interesting narrow gauge lines in the country. "

Mr. Lister mentions that if there is enough demand, photos will be taken of the plates. Write to him direct.

Industrial Notes

It is hoped to prepare and keep up to date a complete list of narrow gauge systems and their locomotives (industrial and otherwise) in this country. Anyone who is interested in keeping records for a particular area is asked to contact the Industrial Rep., Mr. K.Lister (see previous page). Mr. V.Bradley, 41 Langdale Road, Bebington, Cheshire, has offered to keep records of North Wales,

Lancashire and Cheshire areas and any information, queries etc., on these areas would be welcomed and should be addressed to Mr. Bradley or Mr. Lister.

Badges are available (1/- plus 2 ½ d. postage) from the Hon. Treasurer. The design is symbolic - a winged wheel (international railway emblem) bonds two lines representing running rails (carrying the Society's title) covering steam, diesel etc. traction, a centre line representing third rail, overhead or rack. Identify yourself at exhibitions, meetings etc.!

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