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The News Sheet

This Month...

Tyttenhanger continued (page 8)

Steaming Bay Project (page 9)

7 1/4" Gauge Standards & Running at Colney Heath (page 10)

London Model Engineering Exhibition 2012,

Alexandra Palace (page 13)

Stolen Engines (page 18)



Plus...

**From the Chair (page 2), Treasurer's Report (page 3),
Marine Mumbles (page 4), General Meetings Update (page 7),
Loco Section (page 9), May Loco Section Meeting (page 14),
Dates for Your Diary (page 19),
Officers, Council Members and Section Leaders (page 20)**

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FROM THE CHAIR

Although the AGM was some weeks ago, and is now almost forgotten, those attending did enjoy a most pleasant meeting, concluding with a DVD made by Dave Lawrence of a recording from a camera mounted on the front of a OO loco, running around the layout at HQ - a delightful ending to our evening.

At the AGM we welcomed the return of Tony Dunbar back to the Council as member, taking up the vacancy left by Dave Lapham who had stood down this year. All other officers and members were re-elected.

I would particularly thank Jean Chrisp and Jim Robson who audit our accounts. They too have agreed to continue for another year. I am sure that we all would like to thank our Editor, Nick Griffin, who month by month produces our News Sheet. I have said many times how important the News Sheet is to all members, enabling them to keep in touch with the various activities of the Society

I was pleased to propose to the meeting, on behalf of the Council, that our friend Ron Price be elected as an Honorary member of the Society. Ron has been a member of the Society for many years and has made a significant contribution to the Society's activities during that time, particularly in the building and running of the larger scale locomotives, and as one of our boiler testers. The proposal was greeted with acclaim. Ron has accepted this honour with pleasure.

Elsewhere in this issue of the News Sheet, you will read that Chris Vousden has agreed to take on the role of Project Leader of the Steaming Bay Project at Colney Heath. I am pleased that he will be undertaking this activity as the project moves towards its second phase, the rebuilding of the raised steaming bay facilities.

Whilst the locomotive Section meetings have been transferred to Colney Heath for the summer as BBQs, the General Meetings will continue at HQ. The meeting on Friday 3rd June promises to be very interesting - 'White Metal Casting' by our Dave Metcalfe.

David Harris

Front cover: Paul Godwin with his new loco, an LMS 10800. Photo: Geoff Burton
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TREASURER'S REPORT

The AGM for another year has passed and I'd like to thank all those Members who have paid their subscriptions and returned their yellow forms. Looking at my report for June 2009 at about the same time in May I was left with 58 names outstanding. This year I only have 49 names presently outstanding and they are listed below by Post Code and Membership number. Please save me the trouble of having to chase you by sending your Subscriptions to me now.

The May Council Meeting was pleased to accept applications for membership from the following:-

Mrs Tracey Johns,

Peter J Cook, Interests: Locomotives

Gerald Ackroyd, Interests: Locomotives, General Engineering, Stationary & Traction Engines and Marine.

Stephen R Edwards, Interests: Garden Railway.

If you have paid since the 20th May, please ignore this list and thank you.

Mike Foreman

Marine Mumbles (Rides Again)

Photo by Peter Stern

Well did you spot the deliberate competition word mistake in last month's write up? In the last paragraph I managed to insert DEFIANTLY instead of DEFINATELY. Only answers attached to £20 notes would have been entered. First prize is an evening out with Dave and Pete. Second prize is two nights with us. Third prize, well I'm sure you've got the drift by now.

So what have you lot been up to this month, I hear you say? Well we had our first sailing night on Friday 13th at the pond. Quite a good turnout and it didn't rain. There was even a gentle breeze for the yachts. Dave brought his laptop to show us some of his cine films, with sound, taken from his electric R/C aeroplane. Considering the camera was so small and relatively cheap it was brilliant. Not only was there clarity but superb depth of focus as well. He says there is about thirty minutes camera running time, before the contents of the integral chip is downloaded to a computer. Well done Dave, it was great. We also saw the first outing of the Lawrence Experimental Tri-float boat model. Part of the ongoing testing for the man powered challenge. Looks Good!



The other joy in May was Trevor Smith Old Salts Review (nothing to do with age) commonly called the first of the Toy Boat Regattas, on Sunday 15th. Although there was a small rain shower or two it didn't dampen the participants sailing extravaganza. Once again there were all types of toy vessels to see.



Yachts seemed to be more in abundance this year. There was even wind for them this year. Pretty pictures of the regatta are included in this write up. One new item this season was an R/C electric powered, diving, model shark. We even had Ken Gould and Dave Abbott from the MPBA (Model Power Boat Association) come along to take pictures and do a write up, we hope, for Model Boats Magazine. They were both astonished at what the society in general has at Colney Heath, and also very impressed with what is being created there. On this subject Dave and I would like to thank whoever cut the grass around the pond, and tidied up. It made the area look really smart and was most appreciated by all. Thanks everybody.



Now what have I missed? No mention of the pond cleaning, that's it! Any way I've written too much this month. Please note I can only type with one finger, so it takes a full month to get it working properly again.

Don't forget Friday 10th June is sailing night, at the pond, from around 6.30pm. The next Toy Boat Regatta is Sunday 17th July, at the pond, from 9.00 am. Well that's it, so I'm going for a lie down.

Peter Stern



GENERAL MEETINGS 2011 – FORTHCOMING PROGRAMME

Unless otherwise stated, General Meetings are held 8–10pm at our Legion Way Headquarters in North Finchley. Thanks to Peter Davies (a man with a persuasive manner) we usually have a raffle (donations of suitable prizes appreciated), and thanks to Ron Thorogood (maestro of kettle and teapot), we usually have refreshments around 9pm. All profits from meetings go directly to club funds. All members are welcome at any of our General Meetings and we are always happy to see members' friends and family, too. We like to see a good attendance to support our speakers and look forward to your company.

Suggestions (and volunteers) for suitable General Meetings topics are always welcome.

3 JUNE 2011 – DAVE METCALFE – WHITEMETAL CASTING

A knowledgeable creator of working model boats and miniature locomotives, our Dave has developed the process of whitemetal casting to suit his own applications. This evening will be an opportunity to learn about his model engineering activities as well as the art, craft and practice of his casting technique.

1 JULY – WORKING MODELS

Mike Hodgson and Edward (the Compressor) provide us with an informal evening to bring and run something on air – or whatever.

5 AUGUST – FORUM & DISCUSSION

An opportunity to explore hints, tips and techniques related to our model engineering activities. Hardware is particularly welcome!

Wanted

Can anyone build me a Compliant copper boiler for a 5" gauge "Nigel Gresley" 2-8-0?

Good price paid.

Please contact webmaster

Tyttenhanger Continued

To continue with a few more winter working party groups and individuals who have been toiling away, and believe me some have gone on with their tasks without any quibbles about their tasks, until you see a disappearance of some of the nasties that have been on site and moaned about, just take the sailing area and its gardens all overgrown with the usual nettles two feet tall and weeds that would take a gold at Chelsea in the wild garden section. The site now looks good with many thanks to a lone ex- personnel manager who has toiled on his own to achieve this result, so please give the site a little T.L.C. many thanks.

On the group parties, the Raised track extension group down on the new land with its new bridge buttresses looking like a Brunel type design and the brick work would certainly have pleased Isombard I'm sure. The guy's who spent many hours down that part of the site on cold, windy. wet or icy mornings this last winter perhaps could volunteer for the next foot slog to the Pole. I say this because every ten or fifteen minutes this winter Sunday mornings I have to admire the tenacity and the hand push up from the car park to the new bridge site with ballast, concrete blocks, bricks, cement and spoil from the excavations for the embankments. I still find it strange that this club which has a railway track and at the time of writing no motive power except private locos which have done some moving of spoil? So included along with this task must be the willingness by the juniors on Saturday morning with their locos. Well done all you junior drivers "We need you".

Thanks also to the lone owner of a brand new loco which I understand, purchased this engine to start clearing the mountains of the car park. I have seen this member and his loco working all alone on week days loading and unloading down on the new land, many thanks Roy.

One other mention this time is the council member who on his own took on the re-paint job of the lower station which has been looking rather tired and in need of that T.L.C. After several weeks of lone working perhaps the several members who joined him could see the need for some help with this large task. It is nearing its final coats and will be a nice job well done. Many thanks to this council member and his small group who helped.

There are still some who will be mentioned next time, so watch this space.

Derek Perham.

LOCO SECTION

Due to there being no Loco section leader there will no longer be the Mike's Musings section. The steward's roster will also not be being updated, and thus members should refer to the May issue for the latest roster.

Forthcoming Loco Section Meetings.

Friday June 17th:- BBQ at the Track

Friday July 15th:- BBQ at the Track

Friday August 19th:- BBQ at the Track

Friday September 16th:- BBQ at the Track

STEAMING BAY PROJECT

Early in the autumn 2010, I offered to take on the role of Project Leader of the Steaming Bay Project, with the intention of getting the ground cleared, container foundations cast, and the new containers in place by the end of October before the wet weather came in. As it turned out, this phase was delayed by the need to remove several tree roots, but was successfully completed by the end of November. The ground was already getting soggy, but the delivery vehicle was able to get on site and place the containers in their locations without any trouble. During the intervening months we have seen the garage dismantled and re-erected in its new location, while the GLR team have built a traverser and laid out the Tyttenhanger train depot. Another small team is busy restoring the station adjacent to the car park as part of the overall scene.

It was always my intention to be involved solely in the initial phase of the project, so I am pleased to inform you that Chris Vousden has agreed to take on the role of Project Leader - Steaming Bay Project. I thank him for accepting this task and I am sure that all involved in this activity will give him their full support.

David Harris

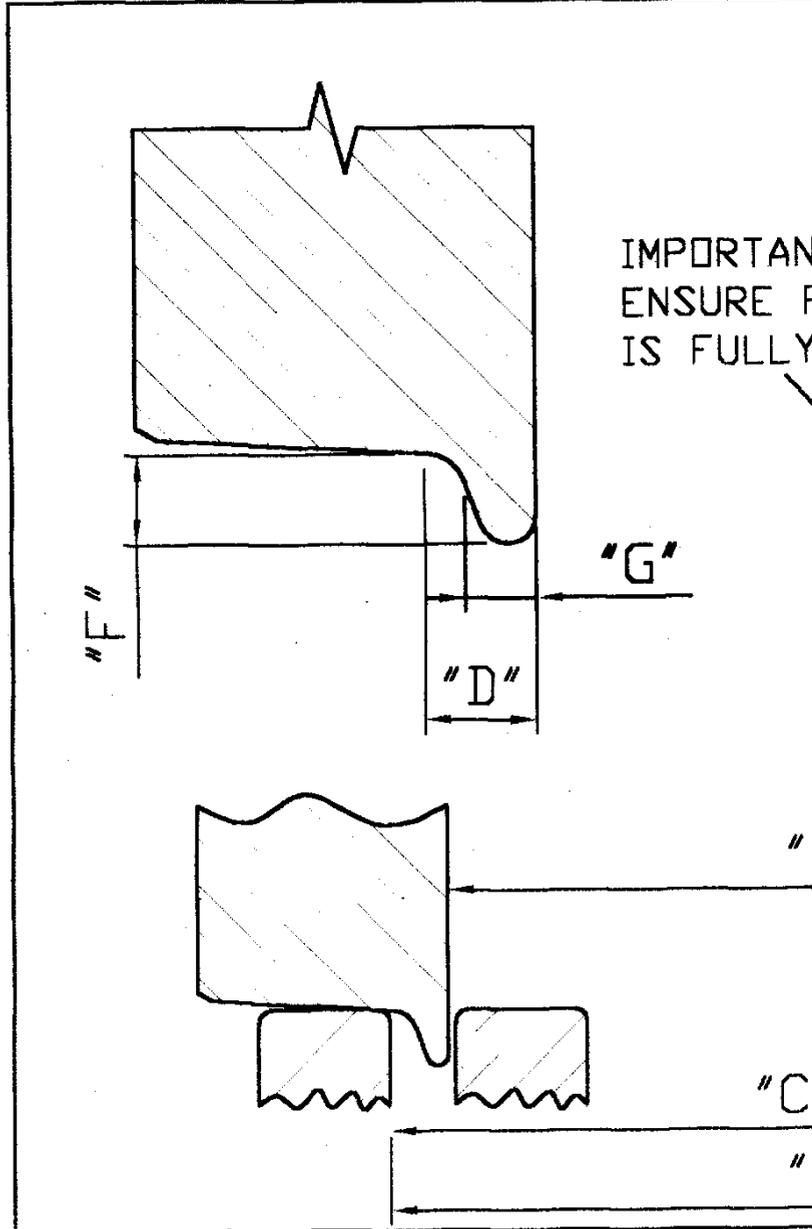
Notice, Garden Railway Section Meeting

A meeting will be held at 1.00 PM on Wednesday 15th June 2011 at Colney Heath to resolve the issue of selection of the Section Leader for the Garden Railway Group Requested by Geoff Mogg

7 1/4" Gauge Standards and

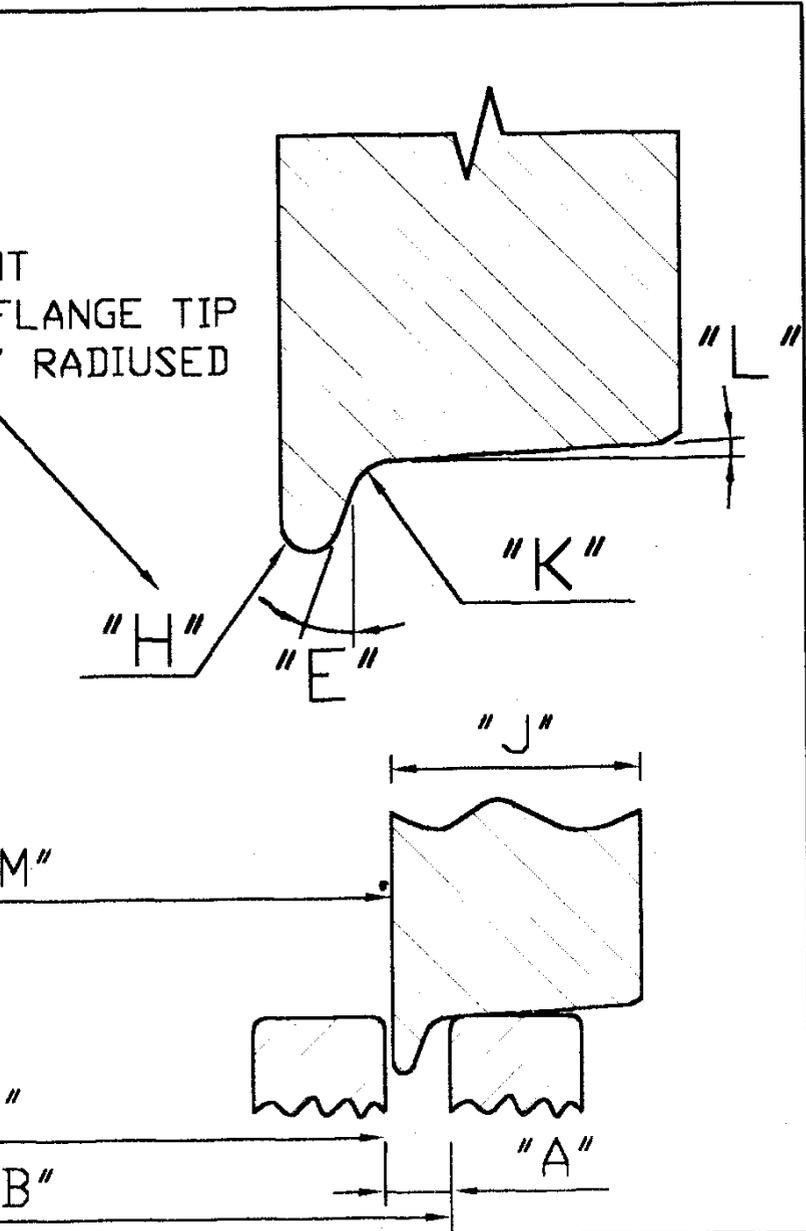
In the past month there has been discussion of wheel and track standards with regard to running a safe railway is having a standard which makes the locos and carriages run due to either wheel or track defects. The attached drawing is a standard as shown on page. It should also be noted that information is placed in the running book by members of the track.

(Ed)



and Running at Colney Heath

... to the GLR. This has been the result of a damaged point that is now repaired. The key ...
... run well on the track and not damage each other as well as reducing the risk of derailment ...
... on the 7¼" gauge society website. The dimensions and tolerances are shown on the next ...
... bers to indicate track condition and that this should be read and adhered to whilst enjoying



7/4" Gauge Society Recommended Wheel and Track Standards - Dimensions

	DIMEN- SION	STANDARD GAUGE			NARROW GAUGE		
		FRACTION	IMPERIAL	METRIC	FRACTION	IMPERIAL	METRIC
TRACK DIMENSIONS							
FLANGEWAY	"A"	$\frac{9}{32}$ -0 + $\frac{1}{32}$	0.281 -0 +0.031	7.15 -0 +0.79	$\frac{9}{32}$ -0 + $\frac{1}{32}$	0.281 -0 +0.031	7.15 -0 +0.79
MAX. GAUGE WIDENING ON CURVES		$\frac{1}{8}$	0.125	3.18	$\frac{1}{8}$	0.125	3.18
TRACK GAUGE	"B"	7¼ -0 + $\frac{1}{64}$	7.25 -0 +0.015	184 -0 +0.38	7¼ -0 + $\frac{1}{64}$	7.25 -0 +0.015	184 -0 +0.38
WHEELSET DIMENSIONS							
CHECK GAUGE	"C"	$6\frac{15}{16}$ -0 + $\frac{1}{32}$	6.938 -0 +0.031	176.5 -0 +0.79	$6\frac{15}{16}$ -0 + $\frac{1}{32}$	6.938 -0 +0.031	176.5 -0 +0.79
DIAMETER POINT	"D"	$\frac{17}{64}$	0.265	6.73	$\frac{5}{16}$	0.313	7.94
FLANGE ANGLE	"E"		20°	20°		20°	20°
FLANGE DEPTH	"F"	$\frac{3}{16}$	0.188	4.76	$\frac{1}{4}$	0.250	6.35
FLANGE THICKNESS	"G"	$\frac{9}{64}$	0.140	3.55		0.190	4.82
FLANGE TIP RADIUS	"H"	$\frac{1}{16}$	0.063	1.59		0.081	2.06
MIN. WHEEL WIDTH	"J"	$\frac{13}{16}$	0.813	20.64	$\frac{1}{6}$	1.125	28.58
ROOT RADIUS	"K"	$\frac{1}{8}$	0.125	3.18	$\frac{1}{8}$	0.125	3.18
TREAD CONING ANGLE (MAX.)	"L"		3°	3°		3°	3°
WHEEL BACK TO BACK	"M"	$6\frac{13}{16}$ -0 + $\frac{1}{64}$	6.813 -0 +0.015	173 -0 +0.38	6¾ -0 + $\frac{1}{64}$	6.750 -0 +0.015	171.5 -0 +0.38

London Model Engineering Exhibition 2012.
Alexandra Palace.
Friday 20th to Sunday 22nd January 2012.

And you all thought that Christmas was a long way away! Well, the *Easy on the Eye* Karen Kyte from *Meridienne Exhibitions* has written to the Club inviting us to present a **Society Display at Alley Pally in January!** If you would like us to take part then I will write to her in the affirmative. If anyone does object then I will withdraw our proposal at once.

Of course an exhibition on the scale that we usually demonstrate needs cooperation from all of you.

We need a theme for the exhibition and stand.

We need your blushing models to carefully exhibit on the stand.

We need your help to vigilantly set up and break down the stand.

And of course we need stewards to man or woman the stand to tell folk what a great Club we have.

We must be the largest and most varied Club in the country so please don't leave it all up to the few.

Last year each member that brought a model received a free ticket for two days. And six lucky members who were prepared to look after the stand on Saturday were also given free tickets. I understand that arrangement will still hold good in January 2012.

A new development this *Olympic* year is the there will be a **Competition Section at the Exhibition.** Now, in the NLSME we have some of the best model engineers in the country if not the World. During the Industrial Revolution they would have been the folk that drove the Country forward industrially. Can we all encourage our colleagues to come forward and show something to the world that they are proud of and of course win a couple of prizes. The secretary has entry forms; please so form an orderly queue.

Good active modelling to you all.

Ian Johnston

May Loco Section Meeting

By Roger Bell, photos by Owen Chapman

Jim Macdonald opened the meeting and expressed an interest in organising a steam loco driver training course; he requested that anyone who would like to learn contact him.

The evening was a talk with slides by our own photographer Owen Chapman on the Ffestiniog and Welsh Highland Railway. I Quote from the Ffestiniog Railway website:-

The **Ffestiniog Railway** is the oldest railway company in the world still running trains, being founded by Act of Parliament in 1832. The railway was built as a gravity and horse drawn line to transport slate from the quarries in the mountains around Blaenau Ffestiniog. It runs from Blaenau to Porthmadog. Slates were exported all over the globe, many in ships built in Porthmadog. Boston Lodge is the oldest operational railway works in the world and has produced new steam locomotives in the 19th, 20th and 21st Centuries, starting in 1879 with Double Fairlie Merddin Emrys, which is still in daily use today. In 2010, replica Lynton & Barnstaple locomotive Lyd was finished after 15 years and a cost of £500,000.



The **Welsh Highland Railway** is the UK's longest heritage railway and runs from Porthmadog to Caernarfon. The two lines offer visitors a journey across Snowdonia more than 40 miles in length. Trains cross the width of the

Snowdonia National Park, past the foot of Snowdon and the beautiful village of Beddgelert, before travelling the length of the Aberglaslyn Pass - voted the most beautiful spot in the UK by members of the National Trust.



Left Freshly completed Lynton & Barnstaple locomotive Lyd in BR black
Above Garrett 143 near Beddgelert Below The spectacular Aberglaslyn Pass





Owen bought each picture to life with a talk about it; I list the captions from them. There are 22 steam locos and 14 are operational. Many are over 120 years old, 'Prince' was built in 1863 and was the first narrow gauge steam locomotive built. The Double Fairlie's are powerful locomotives that could get around sharp curves and up steep gradients. They have two powered bogies supporting a boiler with central cab and fire boxes. They have a very small space to fire in, on one side the driver has access to the injectors and the fireman only fires. Some were converted from coal to oil firing to reduce the fire risk. Many have been converted back to coal due to the rising cost of oil.



Top A mass line up of Ffestiniog locomotives at Harbour Station, Porthmadog.
Above Double Fairlie Merddin Emrys with Mt Snowdon as a backdrop.

One loco which was built in China in 1984 was purchased and nicknamed 'Chinese takeaway'. One photograph showed a level crossing on a curve which goes diagonally across the road; this makes the operator's job quite interesting. Bacon and eggs were seen being cooked on a shovel. The bride and groom in the next picture proved that the railway has a licence to hold weddings.



Prince passing Glanrafon.

It is cheaper to run steam locomotives on coal rather than oil. On the same type of Garrett steam locomotive one runs on oil at £800 a day the other on coal at £150. The ground under some bridges was lowered to allow the Garrett to pass underneath it. They are very powerful and can haul a 10 coach train up a one in 80 incline at 20 mph. Full American-style spark arresters and mesh are fitted to coal fired locomotives. Owen took us on a photographic journey along the length of the line. The line through one station is on a one in 40 gradient and while Owen was filling the uphill tank of a Double Fairlie, water suddenly overflowed from the downhill tank. The level crossing at Nantmor crosses a very quiet road so that flashing lights are not required. The K1 is a Garrett compound locomotive with high-pressure cylinders at the front connecting through a pipe to the rear low-pressure cylinders.

A full return trip on the railway takes five hours. An engine does three trips a day whilst the crew does one.

As Owens's presentation finished we thanked him for a very nice interesting evening. The next two meetings are at the track.

Stolen Engines

Maxitrak was broken into on 17th May 2011 and had many of their show room items stolen. I know a lot of our members are constantly on to look out for new items and was hoping we could get the news out so no one bought a stolen item by mistake, as well as increasing the chances of the items being returned. The items that have been stolen are:-

- 1 inch Burrell AGR,
- 1 inch Burrell Showman's,
- 1 Inch Fowler ploughing engine,
- 1 inch Super Sentinel,
- 1 inch Atkinson Standard,
- 5 inch Alice,
- very rare one off prototype Case 1 inch tractor

The website has additional information at the following link:

<http://www.maxitrak.co.uk/stolenlocos.asp>

If anyone has seen or knows about the items Maxitrak are asking for people to contact them or Kent police. Alternatively I am in regular contact with them and would be happy to pass on information on behalf of others.

Mark Braley (membership number 771)

For Sale

55 X 10 ft straight lengths of extruded aluminium flat bottom rail 5/8 inch (16 mm), rail head width approx 9.0mm, suitable for gauges 2.5 – 5 inch, all lengths are straight, total weight approx 48 kg. Bundle price £33.00.

Price for one 10 ft length if bought new from Cromer White would be £7.00 including VAT. Additionally there is a bundle of off cuts, varying from short to about 5 ft long weight approx 20 kg. Price £14.00.

Rail has been stored in the open but shows very little oxidisation.

If interested please contact webmaster

📖 Dates for your Diary 📖

Friday 3 June	8.00pm General Meeting ; Dave Metcalfe - Whitemetal Casting; HQ, Legion Way, Nth Finchley
Saturday 4 June	Birthday Party (Mrs Holm)
Sat/Sun 4/5 June	Fetes & Fair section at Oaklands at St Albans, Contact J McDonald
Friday 10 June	6.30pm Marine Section; Colney Heath
Saturday 11 June	Fetes & Fair section at Church Fair, Berkhamsted, Contact M Avery
Sat/Sun 11/12 June	LittleLec at Colney Heath.
Friday 17 June	8.00pm Loco Section BBQ at Colney Heath
Saturday 18 June	NLSME invited to Chelmsford Model Engineers Open Day,
Saturday 18 June	Fetes & Fair section at Hertingfordbury, Contact M Chrisp
Monday 20 June	<i>Deadline for copy to Editor for July News Sheet</i>
Saturday 25 June	Birthday Party (Sarah Smith)
Sunday 26 June	Fetes & Fair section at Victoria Park, St Albans, Contact J McDonald
Friday 1 July	8.00pm General Meeting ; Working Models with Mike Hodgson and Edward (the Compressor) HQ, Legion Way, Nth Finchley
Saturday 2 July	HO section at the track at 2pm. Meeting for lunch at 12.00pm at The Plough, Tyttenhanger Green.
Sunday 3 July	Fetes & Fair section at Longfield, Kent, Contact J McDonald
Sat/Sun 9/10 July	Fetes & Fair section at Redbourn Steam Rally, Contact J McDonald
Saturday 9 July	Birthday Party (Steve Pickard)
Sunday 10 July	Birthday Party (Holly)
Friday 15 July	8.00pm Loco Section BBQ at Colney Heath
Saturday 16 July	Fetes & Fair section at St Mary's Church, Ware , Contact J McDonald
Saturday 16 July	Birthday Party (Anders Holst)
Sunday 17 July	Toy Boat Regatta on the pond, Colney Heath
Tuesday 19 July	St Luke's School visit to Colney Heath
Sat/Sun 23/24 July	Fetes & Fair section at Potten End Rally, Contact J McDonald
Saturday 23 July	Birthday Party
Monday 25 July	<i>Deadline for copy to Editor for August News Sheet</i>
Friday 5 August	8.00pm General Meeting ; Forum, HQ, Legion Way, Nth Finchley
Every Wednesday	Garden Railway Section at Colney Heath (11am - 4pm); OO and HO Model Railway Groups and Video Group at HQ (evening)
Every Thursday	Slot Cars Section at HQ (evening)
Every Saturday	Morning working party on GLR including junior section.
Every Sunday	Morning working parties at Colney Heath (start 9.00am).

NB: Please remember to notify all meetings, events & exhibitions, in advance, to Owen and Rachael Chapman, who act as Keepers of the Society Calendar and Tyttenhanger Site Events Co-ordinators.

