



Right On Track

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Visit us on the internet at noarail.com

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Send items for inclusion in this newsletter to the Editor via e-mail at admin@noarail.com
This newsletter is available as a download from our website (address above) saving the club postage and printing, most pictures are in colour. Notification is sent by email when it is available for download.

Below: A collection of buildings by Barnes Constructions, in the foreground is the premises of Precision Engineers, behind on the left is a now very dilapidated building, looking at the age it is probably one of the very first built by David. In the centre are two railway cottages and behind them is a workshop. Apart from a small amount of scenic extras, all these are scratch built from cardboard.



Management Committee

President	John Cutler
Vice President	Frank Crossley
Secretary	Graham Bartlett
Treasurer	Judith Morley
Membership Manager	David Morley
Events Coordinator & Security Officer	Tony Mikolaj
Almoner	Ron Weeden
First Aid	Peter Lynch

Next Committee meeting
7:30pm Monday 7th April 2008

Mount Compass Display

Sunday 6th April
10:00 am – 4:00 pm
Mount Compass Oval

Now confirmed, please put your name on the list for helpers on the noticeboard.
 The setup will be the same as previous years in the oval clubrooms

Model Railway Show

12th – 13th April
9:30 am – 5:00 pm Saturday
10:00 am – 4:00 pm Sunday
Vermont Uniting Church
 578 Cross Road South Plympton
 \$2 Kids \$5 Adults \$12 Families
 Proceeds to Vermont Uniting Church

Southern Craft Fair

Sunday 27th April?
10:00 am – 4:00 pm
Morphett Vale Stadium

This is only a guess at the moment just to let you earmark your diary

AMRE Exhibition

7th – 9th June
9:30 am – 5:00 pm Saturday and Sunday
9:30 am – 4:00 pm Monday
Greyhound Park

Ballarat Exhibition

7th – 9th June 2008
10:00 am – 5:00 pm Saturday and Sunday
10:00 am – 4:00 pm Monday
Eastwood Leisure Centre, Ballarat

Stawell Exhibition

12th - 13th July I think
9:00 am – 6:00 pm Saturday
9:00 am – 4:00 pm Sunday
SES Hall – Sloane St Stawell Vic

I cannot seem to find any more information for this event it does not appear to be advertised anywhere.

Swapmeet and Clubrooms Open Day

Sunday 27th July
10:00 am – 1:00 pm
NMRI Clubrooms

We will be running this as a combined swapmeet and open day with the intention of cross promoting to increase attendance.
 Please note the new times.
 Table numbers will be limited by available space \$15 per table (if there is space) or \$10 if booked and paid before the day.
 Maximum two people entry per table.

Our Exhibition 2008

11th – 12th October
9:30 am – 5:00 pm Saturday
9:30 am – 4:00 pm Sunday
Mitsubishi Entertainment Centre
 1284 South Road Clovelly Park SA 5042
 \$3 Kids \$6 Adults \$15 Families

Swapmeet

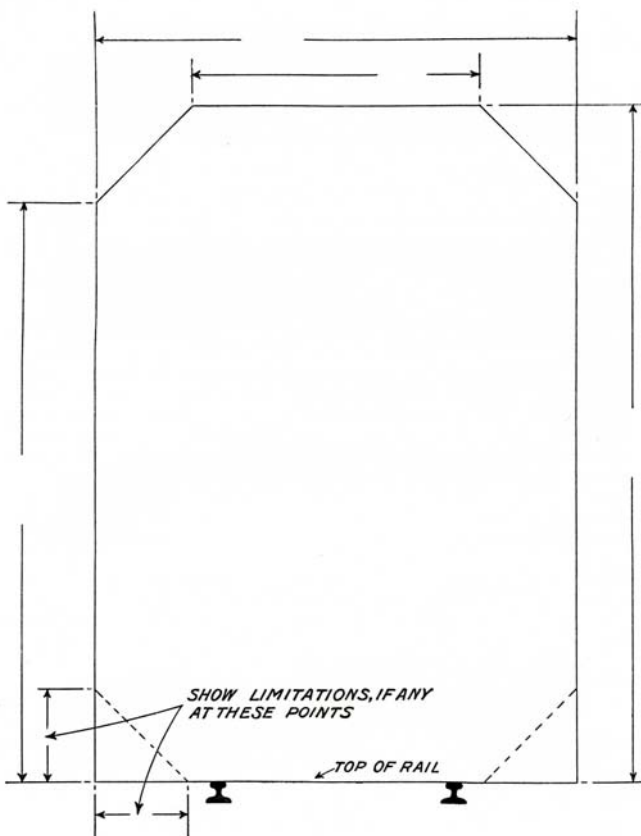
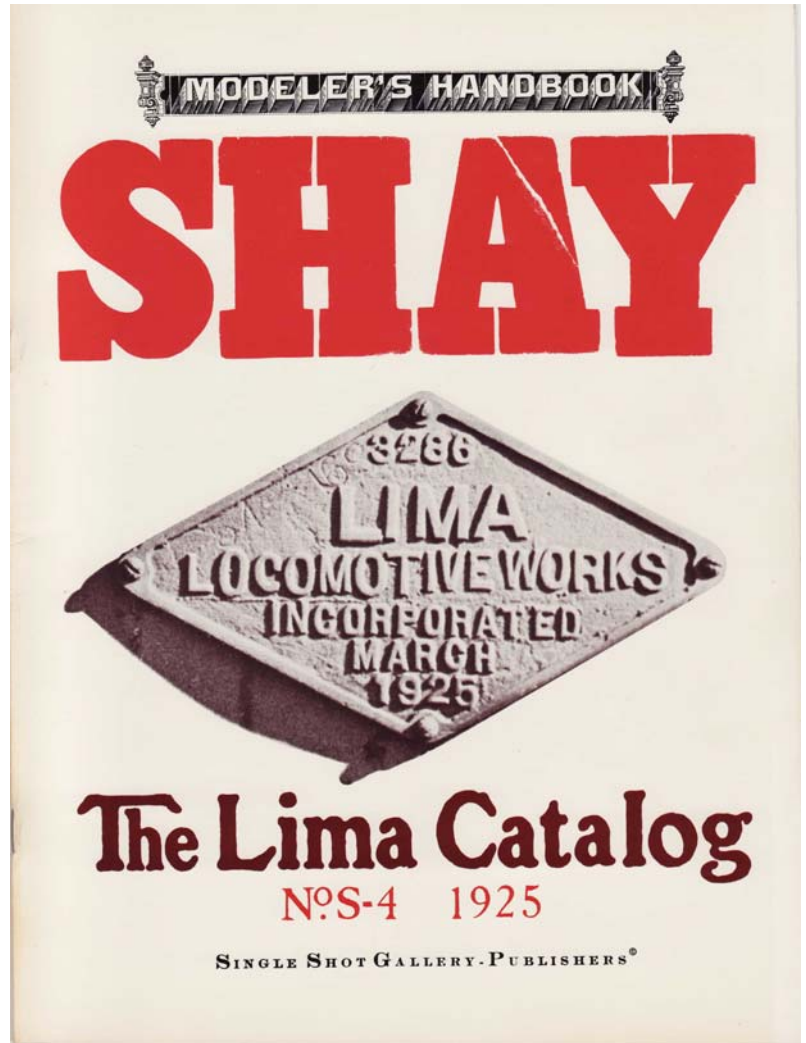
Friday 7th November
7:30 pm – 9:00 pm
NMRI Clubrooms

SLOG (Supplement to *Right On Track*)

On this and the page 4 are some excerpts that I have reproduced from the publication shown on the right, in its self it was a reprint of the LIMA Locomotive Works catalog, even though my English speil chequer is complaining, that is how it is spelt in Americanize so I will leave it that way.

The book was acquired by John via EBay and is full of interesting photographs, facts and test results promoting the benefits of having Shay locomotives as part or all the motive power, faster acceleration, stopping, and change of direction to save time when shunting as compared to a standard design. A Shay also has the ability to negotiate rough and twisty track. With all wheels driven it also has excellent traction.

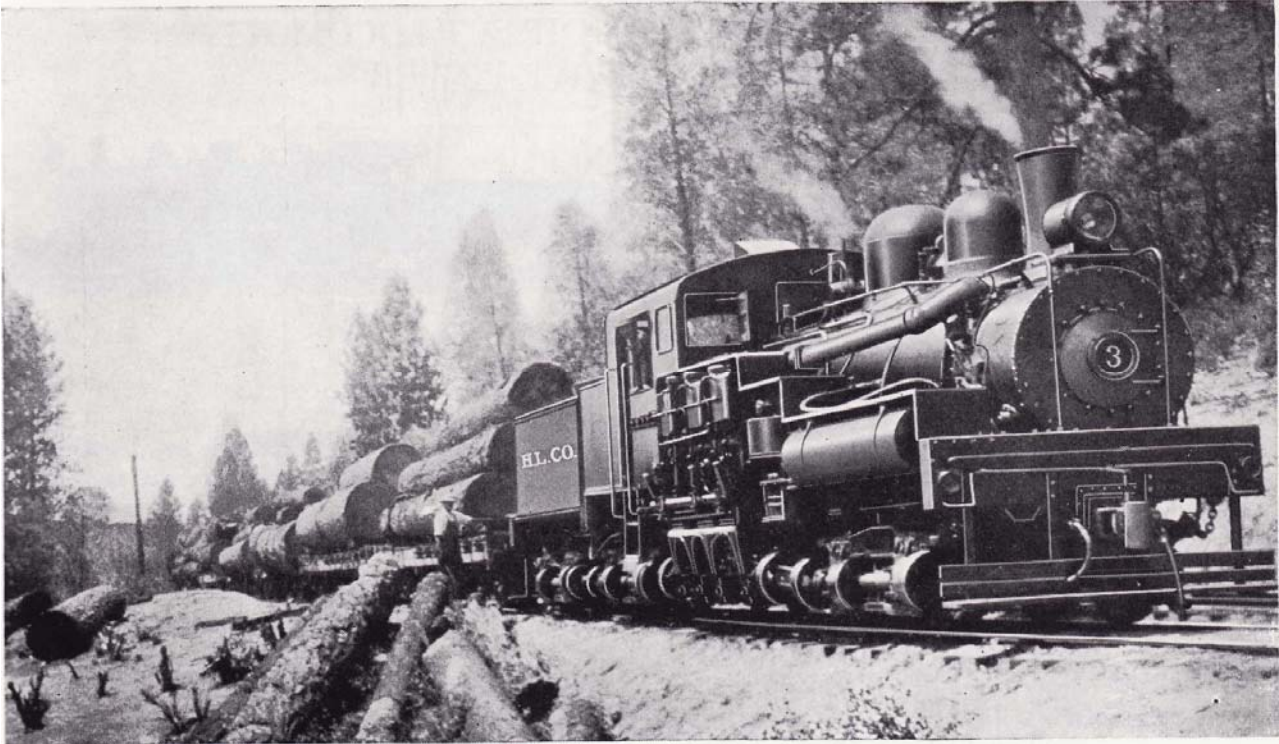
Below is the back of the order form which is not that dissimilar to the NMRA clearance gauge. Obviously you fill in the various measurements so that the loco can be built to suit your operations. The front asked for details such as the type of fuel to be used, radius of curves and ruling grades, style and height of couplers, weight of rail and of obviously the gauge.



Over the page is a handy formula for finding the radius of an existing curve. There have been many times when I could have used this formula instead of estimating the centre and then making some measurements in an attempt to find the centre and then measuring from that to find the radius. Only then finding that each side of the curve was a different distance from the "centre" ands having to adjust the position before measuring again. Using this formula it is just two measurements and some simple mathematics.

Thanks to John for loaning the publication to allow this information to be disseminated.

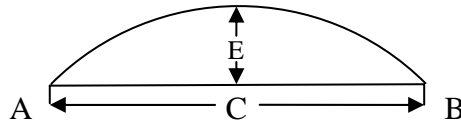
LIMA SHAY GEARED LOCOMOTIVES



CLASS 90 THREE TRUCK SHAY HUTCHINSON LUMBER Co.

METHOD OF DETERMINING THE RADIUS OF A CURVE

WHEN the radius of a curve is not known, the following method can be used to determine it. Select two points on the inside of the head of the inside rail, corresponding to A and B in the diagram.



Measure the distance between these points. Stretch a line between the two points "A" and "B" and measure the distance from this line to the inside of the rail head at a point midway between these points corresponding to "E" in the diagram.

The dimensions, "E" and "C" must be in the same units; *i. e.*, either feet or inches. With the above measurements the radius of curve can be obtained by the following formula:

$$\text{Radius of curve} = \frac{\left(\frac{C}{2}\right)^2 + E^2}{2E}$$

To insure against any error in the measurements due to irregularities in the tracks, it is always better to take measurements at several parts of the curve.

When the radius of the curve is given in feet and is required to be converted to degrees, an approximate formula is:

$$D = \frac{5730}{R}$$

D = curvature, in degrees

R = radius of curve, in feet



Above: Another view of Precision Engineers built by Barnes Constructions

Below: Rework on Paradigm, the cork is laid and with a bit of sanding will be ready for track





Above: The gangers only got this far before stopping for lunch

Below: That should hold it down



End Of The Line Hobbies

Your One Stop Hobby Shop

End Of The Line Hobbies is offering club members a 5% discount off all purchases. To be eligible you must be a current financial member and mention your club membership at the time of purchase. The club will receive the same amount as a voucher for use as we see fit. So you can help yourself and the club at the same time.

Delivery can be arranged anywhere in the world and orders may be placed in person at the shop, via e-mail, snail mail, phone or fax. There is a stock hold option and payments can be made by Visa Card, Master Card, EFTPOS and good old fashioned cash!

Wednesday – Sunday 10:00 am – 4:30 pm

End Of The Line Hobbies 74 Ocean Street Victor Harbor SA 5211(near the turntable)

Ph 8552 7900

Find us at

www.endofthelinehobbies.com.au

Fax 8552 7933


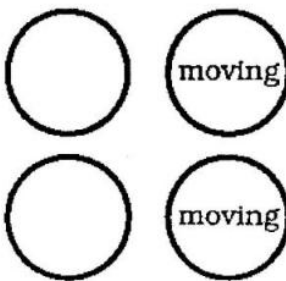

Email

shop@endofthelinehobbies.com.au

New Members

Three new approvals this month, welcome to; Luke Wakefield, Tom Pallet and welcome back to Jeff Betts who has rejoined us after a few years break. Please make them all feel welcome and a part of our club.

Here is one of those puzzles to test your IQ

<p>GET IT GET IT GET IT GET IT</p>		<p>BALE</p>	<p>another another another another another</p> <p>111111</p>
	<p>NO NO <hr/>CORRECT</p>	<p>1 3 5 7 9 11</p> <p>vs.</p> <p>U</p>	<p>T RN</p>
<p>CA SE CASE</p>		<p>IMPROVEMENT IMPROVEMENT IMPROVEMENT IMPROVEMENT</p>	<p>SCHEDULE Bit</p>

Exhibitions

If you read page 2 you would already know that the Mt Compass School Fair display is now confirmed as 6th April

Unfortunately due to a lack of replies the Ballarat exhibition, on the June long weekend, has been cancelled. It was felt by the organizers that it was better to cancel than to run a poor exhibition.

We also have an invite for August to Woodend which is just this side of Melbourne; this will be discussed by the committee once we have some details.

There is a list on the noticeboard for members to show their interest for all these events, please tick the box(s) or add you name if it is not already there. Please fill it out ASAP

Late Night Run

That got your attention didn't it? Saturday 15th March has been declared a working bee, so there will be no running; there are several jobs that require your assistance. Afterwards we will have one of our usual popular late night runs.

The problems with perfection

A proud owner of a Eureka AD60 Garratt has been bemoaning ever since he bought it that it would not negotiate the top track on Paradigm and was blaming the track as they are supposed to be able to go round a 450 mm radius curve. As part of the resent rework of one of the joints on the top track I have re-laid a particularly troublesome section to a near perfectly flat 690 mm radius. Upon testing of the newly laid track the said owner tried it with his AD60 and it immediately threw the front bogie off the track. Further investigation showed that the bogie was climbing the rails because it was jamming on the coupler box, it was at this moment that the penny dropped, the owner realised in his attempt to improve a near perfect model he had moved the coupler box back to get a closer coupling distance and the bogie was now hitting the box. A quick and simple modification with a knife and the AD60 was happily cruising around the top track.

The moral here is before you blame the track, especially if yours is the only one, stop and think about what else may have changed to cause the problem.

Swapmeets

Have a look on the noticeboard for the usual list for volunteers to help at the swapmeets this year

Opening Times

The clubrooms are open

- Tuesdays from 7:30 pm – 9:00 pm
- Saturdays from 2:00 pm – 6:00 pm
- Thursdays from 2:00 pm – 5:00 pm

A key holder may offer to stay back late on a Saturday night and an evening meal may be decided on, but members are requested to clean up after.

Visitors

Members are reminded that for security reasons all non members must also be signed in when they visit, even if it is for just a short time, this can be done on the bottom of the member sign in sheet.

Sausage Sizzle

Thank you to those that have volunteered to join the ranks. The fourth team will start this week and now it will be just a few hours every fourth week.

Swindle Prizes

Yes, it is less than 7 months away and these things come around fast, so members are asked to once again dig out items suitable as swindle prizes at our exhibition next October. I have seen some items arriving so thank you to the donors of them.

We also would like some people to volunteer to make some cakes etc for sale through the canteen and for use in the exhibitor lounge.

Don't forget to fill in the helpers list for this event, there is also a box to tick if you wish to attend the Saturday night meal and swindle.

Answers

For those who could not work them out, here are the puzzle answers.

- 1 Forget it
- 2 This round is on me
- 3 Curve ball
- 4 Six of one; half a dozen of another
- 5 Moving in the right circles
- 6 Right under your nose
- 7 Odds are against you
- 8 No U turn
- 9 Open and shut case
- 10 Running around in circles
- 11 Room for improvement
- 12 A little bit behind schedule