



July 2000

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Model Turbo-Jet Engines

Don't miss the July General Meeting!

Special guests Barry York and Neil Giggins will be giving a talk on model turbo-jet engines, and will have some examples to show, both the factory-bought versions and also models they have designed and built themselves.

If you've ever been fascinated by the articles that appear from time to time on these 105,000 rpm kerosene burning replicas of full size aero engines, now is your chance to find out how they really go.

Barry and Neil are engineers who work with full size jet engines in their 'day' jobs, so they will be able to answer your technical questions on what make them tick, or rather roar.

Best of all, they will be firing up one of the engines so you can see for yourself.

Don't miss this one.



A home-built turbo-jet engine—you can get more information on model gas turbine engines at: <http://wkweb4.cableinet.co.uk/severasideTV/page2.htm>

Your Committee

President	9341 1630
Doug Baker	
Vice President	9490 2381
Ian Allison	
Secretary	9246 9549
John Shugg	
Treasurer	9448 8843
John Martin	
Safety Officer	
David Naeser	
Committee Members	
Lindsay Adams	9447 4646
Jim Clark	9446 5870
Jim Crawford	9276 5464
Ron Date	
Ernie Redford	9446 4513

CALENDAR OF EVENTS

General Meeting (see main story)	Laurie Strutt Park Elvire St, Waterman	8:00 pm	Friday 14 July
Club Run Day and Public Run Day	Club Track Site Vasto PI, Balcatta	10:00am—4:00 pm	Sunday 30 July
General Meeting	Laurie Strutt Park Elvire St, Waterman	8:00 pm	Friday 11 August
Club Run Day and Public Run Day	Club Track Site Vasto PI, Balcatta	10:00am—4:00 pm	Sunday 27 August
ADVANCE NOTICE - Subject to Confirmation			
Whiteman Park "Friends of Thomas"	Whiteman Park		15 October
Bassendean	Mary St Reserve		5 November
ARHS	Bassendean		Mid November

NDMES
PO Box 681
Balcatta 6022
Western Australia

AMRA Exhibition

The annual AMRA Model Railway exhibition held over the June long weekend was a great success.

There were the usual high standard model exhibits, and something to please everyone.

The Society provided the traditional up-down track layout, and gave continual rides to the young and not-so-young over the three days.

A great deal of public interest was shown in the model engineering display, featuring several running steam and IC engines, as well as static exhibits of member's work.

June General Meeting

Fifteen members attended the June meeting. Former member Nigel Mammatt, who has now rejoined the club after a brief absence, was welcomed back.

RIDING CARS — Would members please note that these are owned by individual club members and are not the Society's property. Please ask the owner before using, and make sure you report any defects or problems so they can be fixed before the next time they are needed. If in doubt, ask Doug or Lindsay.

STEEL — 10mm rod has been ordered as part of a 1½ tonne of steel ordered for the Garden Railway and the Ground Level track, at pre-GST prices. An old boat trailer had been obtained on a permanent loan basis and will be used to transport the steel.

NEW BUILDING — The application for the new building development went before Council on June 13 (See the President's Report).

PUBLICITY — The brochures handed out at AMRA have prompted many phone calls and Doug believes the Society could possibly have three Birthday Party runs as a result, apart from the usual arrival of visitors on our run days.

BIRTHDAY RUN DAYS — If special birthday run days are involved (i.e. not on normal public run days), the standard charge-out would be \$100 per hour, with 2 hours minimum. If anyone knows of friends or family with young children who might like a special Birthday Run Day, please talk it over with one of the Committee members.

AMRA — Discussion followed on the AMRA exhibition. It was felt that the Society had entertained the crowds with our railway operation and the model engineering display. However it was noted that the

Revenue received from rides was the highest it's been for several years, a worthwhile result for the Society's finances as well as the public image of our hobby.

As an added bonus, some of you may have seen the NDMES setup featuring in the closing scenes of "Postcards WA" on Channel 9 recently.

Many thanks to all those stalwart members who manned the exhibits, set everything up, took it all down and generally assisted in making the weekend a success.

minutes of meeting by John Shugg

model railway exhibitors in general did not appear to consider the needs of the public, especially children, given the height of many of their displays.

BOOK OF RAILWAY PHOTOS — Jack Watson has acquired a very good quality book with numerous photos of railways from all over the world, including some Australian locos, and has offered it for sale. It was suggested that the book be held over until the next meeting, and be offered for sale to the highest bidder. Take a look at it at the July meeting—it really is an excellent book.

COACH — Thanks to David Hunter who has acquired electrical cable for the Society so that the coach can be re-connected to the mains power. Hopefully, having the alarm system working again will deter the vandals somewhat.

MODEL ENGINEERING — David Naeser displayed progress with his adjustable tool post and tool-holder. The facets for the holders had been finished. David mentioned nitriding the finished tool holder.

Jim Clark displayed the completed rolling frames for his Britannia tender. The axle box bearing covers were "lost wax" castings, purchased from UK, with raised, finely detailed lettering.

Doug Baker described how the Steamboat rally he attended recently in South Australia was rained out, however it seems a good time was still had by all.

Forrester's valve timing appears to be out due to incorrect back-set. Doug also displayed machined castings for the steamboat engines, and boiler plates and formers for the Bushfly boilers under construction.

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President's Report

Welcome to G.S.T., which actually means Great Steam Trains! You thought it had something to do with taxation, didn't you.

The past six months have been an extremely busy time for the committee, myself included. There has been an unprecedented amount of meetings, discussion and paperwork involved with setting the paper war in place, pertaining to the new club room.

Despite this, the building has been approved and the funding set in place.

The City of Stirling architect was extremely impressed with the way we addressed the requirement, as all the drawings were collated and presented in a folder complete with an index etc.

Regrettably for the past few months we have been the focus of attention of every vandal in W.A. The coach has been moved and now resides parallel to Vasto Place. Since this was done, it has been broken into so many times I have lost count. Last Saturday, John Martin, John Shugg, John Hudson and I spent most of the day repairing what had been damaged due to another break in.

Ron Date and various partners have been welding fence panels together for the inside boundary fence. It is hoped if we secure the inside area of the property perhaps we may cause these little charmers to go somewhere else and play merry hell.

The Garden Railway is progressing; the position has been pegged and drawings almost complete. The tracks will be elevated and bolted into a purpose-built frame.

Ernie Redford is pressing on with the ground level track, and has almost completed the drawings for the points.

Mike Rogers is going to finish off the timber work for the Rotunda that is drawing a lot of positive comments from our visitors.

Char has now been bought by Jan Crawford and others, and is available commercially at a very modest

June General Meeting

(Continued from page 2)

A Hercus Tool and Cutter Grinder, which Doug acquired some years ago in Echuca came without a headstock and tailstock (and other equipment). Doug noted that a piston valve grinder spindle had the same

cost. The Club will not be providing free coal, those who wish to run coal-fired on the new char will need to speak to Jim Crawford for supplies.

It has been suggested that we could have what we are calling 'Tool Box Visits'. These are visits to members' workshops so other people can see projects that normally could not be seen at general meetings, as they may be too big and heavy to move about.

To kick this off, I will have an open day in September, Sunday 10th (that is the Sunday after the General Meeting). Visit time is from 10.30am-3pm. If you wish to have a barbecue, please bring your own food.

I am sure you are aware we are now open to the public (we need the money!). If you have any ideas for promoting this that will not cost an arm or leg, would you please come forward - we need suggestions.

At the moment we are posting A5 size notices on public notice boards advertising the Railway. To a limited degree, it is working; each month the ride takings are going up.

All the preceding has been done in the main by a small band of dedicated troops, but we would be pleased if you could find a day in your busy schedules to come and help; we can't do it all!

We had a good attendance at the last meeting but despite this, there were only three people who took the trouble to bring something for Show and Tell.

I am sure you must be doing something in the workshop that you can bring to show. Please don't rely on others to entertain you or one night we may find there is no show at all.

I personally find it most interesting to see what various members are doing and how their problems are tackled.

Look forward to seeing you at the next General Meeting.

Doug Baker

spindle nose as the Hercus, so he has adapted this to accept an R8 taper. Electric drive has yet to be arranged.

RAFFLE - The Door Prize of a 3/8" End Mill was won by Ian Allison.



Northern Districts Model
Engineering Society Inc.

Track Site:-
Vasto Place
Balcatta
Western Australia

All correspondence to:-
PO Box 881
Balcatta
Western Australia 6022

Friends of 'Thomas'

A repeat "Friends of Thomas the Tank Engine" theme by Bennett Brook Railway will be held at Whiteman Park on Sunday 15 October, supported by NDMES running our portable track!

Please note the day in your diary—your help with setting up or running the railway will be greatly appreciated.



Lindeay Adams takes his A Class for its first run...

Something to sell or swap?

Did you have to buy 6m of material when you only needed 300mm?
Bought a box of 100 when you only used 10?

Why not advertise your surplus items in this newsletter.

You decide your selling price, swap or whatever. A small donation to club funds would be appreciated when your items are sold.

If there's something particular you're after, why not put a couple of lines in here? Maybe someone out there has just the thing you need...



Steve Reeves during the AALS Convention, NDMES track site Balcatta

Have Your Say...

Do you have any interesting photos that you'd like others to see?

How about recent run days, the AMRA exhibition, photos of your latest project under construction or working, or perhaps something of interest you saw on a recent trip somewhere?

It's easy to scan photos into a computer so we can publish them in this newsletter. If you don't know anyone who has a computer with a scanner, you could lend your photos to Jim Clark who will scan them and return them safely to you.

A few words about the photo or what you've been up to would be great.

If you have access to a computer and scanner, email your scanned photos and other details to:

jimclark@tpg.com.au

or phone 9446 5870 to discuss what you'd like to see in this newsletter.

We're on the Web!
www.q-net.net.au/~gavin/Title.html
Your Society's Web site
Maintained by Gavin Gooch

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