



the CALL BOARD

OFFICIAL NEWSHEET
OF THE

MELBOURNE MODEL RAILWAY SOCIETY Inc.
A 0029633 S

Volume – 18

Number – 3 August - October Issue 2011



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QR National 421 Class 42107 Dynon Yard
Melbourne Victoria
July 2011
Photograph by Ian Green

Production: Andrew Manser

Office Bearers

President:	Andrew Manser
Vice President:	TBA
Secretary:	David Patrick
Treasurer:	Reg Roberts
Membership:	Tony Digby
Electrical:	TBA
Way & Works:	Mark Johnson
Mechanical:	Warwick Brisbane
Club Rooms:	Old Parcels Office Auburn Railway Station Victoria Road Auburn
Telephone:	0429 957 481
Web Address:	www.mmrs.org.au
Web Master:	Mark Johnson
Catering Officer:	Hughie Reeves
Call Board Production:	Andrew Manser
Meetings:	We meet on every Tuesday and Friday evening at 7.15pm. (Refer to our Web site for our calendar of events)

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Presidents Report



Welcome to our next issue of our Call Board, I hope you find it of interest.

One of the duties as president is to make announcements that are painful and it is my duty to inform the membership of Bill Fock's passing. Bill passed away on Friday 8th July 2011 after a long illness. Bill joined the club in May 1977; he became Chief Electrical Engineer following Allan Dowel. He became a member of the committee and for many years was Vice President. I am sure I speak on behalf of all members in saying that Bill will be sorely missed and want to pass on our condolences to his family.

It is a very sad time for me that I having to announce that I will stand down as President at the AGM in October. I have enjoyed being part he committee and the six plus years as president.

The reasons are due to my work commitments and relocation interstate. I will be staying on as a member of the club and when ever in Melbourne I will call in and see you all. I will be continuing as the editor of the Call Board so please forward your articles to me.

For all the latest happenings and up to date information please refer to our Web site at: www.mmrs.org.au

If you have an article, picture, or item of interest for the Call Board please email it to me at andrewj Manser@bigpond.com

Oh well that's enough from me until next time:

Keep On Steaming

Andrew Manser
President

Notice of Annual General Meeting 2011

THE 46th ANNUAL GENERAL MEETING
OF THE
MELBOURNE MODEL RAILWAY SOCIETY INC
WILL BE HELD AT
8.00 PM ON FRIDAY OCTOBER 21st 2011
AT THE
AMRA CLUB ROOMS
WILLS STREET, GLEN IRIS
(Opposite the Glen Iris railway station)

Business:

- A. To confirm the minutes of the 2010 Annual General Meeting.
- B. To receive and adopt the reports of the Committee of Management and the statements of account for the 2010/2011 year.
- C. To deal with any recommendations of the outgoing committee.
- D. To elect the following executive officers and ordinary committee members:

President

Secretary

Two ordinary committee members.

One ordinary committee member (casual vacancy).

- E. To appoint an auditor for the forthcoming year.
- F. To deal with any motions submitted by members.
- G. Open forum to discuss any issues raised by members.

Any motions from members must be submitted to the Secretary no later than 30 September 2011.

Nominations for election of the positions in D and E above must be in writing, signed by the nominated member, a nominator and seconder, and submitted to the Secretary no later than 7 October 2011.

Nominations must be on the printed form available at the club rooms, or from the Secretary (0429 957 481 on meeting nights) or by mail.

David Patrick
Secretary.

(Please bring a plate of goodies for supper).

WHAT'S HAPPENING

Visitors

We welcomed about twenty members from AMRA who visited the club on 14th May as part of AMRA's 60th anniversary celebrations. Warwick, Mark and I gave them a brief introduction to our signaling system, and a brief running session ensued in which they put their new found knowledge to use by operating the stations and driving the trains.

The 1st Balwyn Scout Troop visited us for the running night on Tuesday, 31st May. The boys and girls were quite interested in our running, with some of the younger ones becoming more interested in the road trucks at Walgate than the trains! They sent us a very nice thank you card, and we have put it on the notice board for all to see.

Caulfield

The Caulfield exhibition is on again on 20th and 21st August, and we will be taking our exhibition layout to display our signaling system to the crowds. We will be setting up on Friday 19th, so the clubrooms will not be open that night.

It's fortunate that the club will be running on the Saturday after the exhibition (27th August) so that we can invite anyone who expresses interest at the exhibition to come along.

AGM

The Annual General Meeting will be held at AMRA's clubrooms at Glen Iris on 21st October. The meeting notice is elsewhere in this *Callboard*. Please mark it in your diary and make an effort to be there for the one and only meeting we hold each year. Also, please consider standing for the Committee – positions being elected this year are the Secretary and two committee members, as well as one casual vacancy.

New timetable

A new timetable for the club's running sessions is in preparation, and will be operational by the end of August. The current timetable 3 is good for running trains, whereas the new timetable 4 seeks to *operate a railway* by running trains which have a purpose to deliver goods from one point to another. Shunting moves are specified in the timetable, and the number of passenger trains is drastically reduced.

Saturday running

Don't forget to put the Saturday running days in your diaries – the next one is on 27th August.

Membership fees are now due – if you have not yet renewed your early payment will be appreciated.

David Patrick

How I Built My

By David Patrick

This is the third article in a series in which members can describe how they built their models, layouts, layout rooms, or whatever they build.

Life member Warwick Brisbane has built locomotives and passenger cars from scratch over many years, and runs them regularly on the club layout. This article tells how he built his H class steam loco.

VICTORIAN RAILWAYS H CLASS LOCOMOTIVE

The H class locomotives were designed to replace ageing A2 class locomotives on the Overland services to Adelaide. A powerful locomotive was required to eliminate double heading, and to be able to haul a load of 550 tons up the 10 mile, 1 in 48 grade of Ingliston Bank at 20 mph. There are many difficult sections between Melbourne and Ballarat, and Pacific type locomotives as used on the North East line to Wodonga were not necessarily suited to the Western line.

Construction of three H class locomotives commenced at Newport in 1939, however, only one, H220, was completed due to wartime restrictions on manufacturing resources. It went into service on 7 February 1941, and was retired in 1958, after a life hauling passenger and goods trains on the North East line to Wodonga. It is preserved at the ARHS's Williamstown museum.

Warwick built his model in 1971 to 4mm scale, and as testament to his high standards of workmanship, it won a prize at AMRA's Camberwell exhibition.



Warwick Brisbane's scratch built H220 stands at Allandale ready to depart on another heavy goods train.

How I Built My Continued.

The first step in scratch building is to have a plan of the subject, and as plans of H220 to 4mm scale were not available, Warwick obtained an O scale outline drawing from The Model Dockyard, and re-drew it to 4mm scale. Fortunately, as the locomotive is preserved, Warwick was able to photograph and take measurements of details which were not shown on the drawing.

The chassis was constructed in the usual manner from 1.6mm brass sheet with turned spacers, and it features sprung driving wheel axles (except for the axle which connects to the motor).

The driving wheels are Romford, with other proprietary wheels used for the pony and trailing trucks and for the tender. The locomotive picks up on both sides, and each of the tender bogies picks up on one side only. There is no way that this loco will stall on paintwork!

The prototype is a three cylinder locomotive, as were the S class locos. The Gresley conjugating valve gear used on the S class was maintenance intensive, and so a Henschel und Sohn conjugated valve gear mechanism was used to drive the middle cylinder. This is driven from the combination levers of the Walschaerts valve gear. Warwick has modelled the visible parts of this mechanism.

The motor is a 5 pole Pittman open frame motor with a Pittman gearbox.

The bogies for the tender were cast in type metal from a silicon rubber mould which was in turn produced from a pattern made by Warwick. The bogie for the trailing truck of the loco was fabricated from brass.

The boiler was rolled from brass sheet, and cab and tender were fabricated from brass. The detail applied by Warwick extends to the rivets on the tender sides which were applied using a made up punch, indexed so that a consistent spacing could be achieved.

The twin funnels were turned from solid brass, and other detail items such as the headlight, whistle, power reverser and safety valve are Cal Scale lost wax castings obtained from The Model Dockyard.

The final touch was the number plates, which were made using Letraset.

Warwick has recently given the loco a tune up, and it is running very nicely. It is a credit to Warwick's engineering skills.

A new model of the H class is being produced by Trainbuilder, and should be available soon, so if you need an H class, and don't have engineering skills, this may be for you!

MELBOURNE MODEL RAILWAY SOCIETY

PROGRAMME AUGUST/SEPTEMBER/OCTOBER 2011

Tuesday

Friday

August 2011

2	<u>Work night</u>
9	<u>Work night Committee meeting</u>
16	<u>Timetable running</u>
23	<u>Work night</u>
30	<u>Timetable running</u>

August 2011

5	Timetable running	WB
12	Timetable running Theme - Victorian	DP
19	Clubrooms closed	MJ
Sat 27	Timetable running	WB
		DP

September 2011

6	<u>Work night</u>
13	<u>Work night Committee meeting</u>
20	<u>Timetable running</u>
27	<u>Work night</u>

September 2011

2	Timetable running Theme - American	MJ
9	Timetable running	WB
16	Timetable 3 running Theme – Branch Line Trains	DP
Sat 24	Timetable running	MJ
30	Timetable running	WB

October 2011

4	Work night
11	<u>Work night Committee meeting</u>
18	Timetable running Theme - British
25	<u>Work night</u>

October 2011

7	Timetable running Theme – Bring your own and run it	DP
14	Timetable running	MJ
21	AGM at Glen Iris	WB
Sat 29	Timetable running	DP

NOTE: SATURDAY RUNNING DAYS: FOURTH FRIDAY'S RUNNING WILL BE ON THE SATURDAY AT 1.30PM