

The Newcastle Model Railway Club Inc. Schedule for July, Aug, Sept 2019

JULY	Date	Time	HO/OO	N Scale
Tues	2 nd	9.00am	Work Day	
Wed	3 rd	7.30pm	DC Operation	DCC & DC Operation
		8.00pm	Committee Meeting	
Thurs	4 th	9.00am	DC Operation	DCC & DC Operation
Tues	9 th	9.00am	Work Day	
Wed	10 th	7.30pm	DCC Operation	DCC & DC Operation
Thurs	11 th	9.00am	DCC Operation	DCC & DC Operation
Tues	16 th	9.00am	Work Day	
Wed	17 th	7.30pm	DC Operation	DCC & DC Operation
Thurs	18 th	9.00am	DC Operation	DCC & DC Operation
Tues	23 rd	9.00am	Work Day	
Wed	24 th	7.30pm	DCC Operation	DCC & DC Operation
Thurs	25 th	9.00am	DCC Operation	DCC & DC Operation
Tues	30 th	9.00am	Work Day	
Wed	31 st	7.30pm	DC Operation	DCC & DC Operation
			Theme Running – Livestock	

AUGUST	Date	Time	HO/OO	N Scale
Thurs	1 st	9.00am	DC Operation	DCC & DC Operation
			Theme Running – Livestock	
Tues	6 th	9.00am	Work Day	
Wed	7 th	7.30pm	DCC Operation	DCC & DC Operation
Thurs	8 th	9.00am	DCC Operation	DCC & DC Operation
Tues	13 th	9.00am	Work Day	
Wed	14 th	7.30pm	DC Operation	DCC & DC Operation
Thurs	15 th	9.00am	DC Operation	DCC & DC Operation
Sat -Sun	17th - 18th		<i>Our Town Model Show, Newcastle Jockey Club, Darling Street, Broadmeadow, 9am-5pm (Sat), 9am-4pm (Sun).</i>	
Tues	20 th	9.00am	Work Day	
Wed	21 st	7.30pm	DCC Operation	DCC & DC Operation
Thurs	22 nd	9.00am	DCC Operation	DCC & DC Operation
Tues	27 th	9.00am	Work Day	
Wed	28 th	7.30pm	DC Operation	DCC & DC Operation
			Theme Running – Cement Wagons	
Thurs	29 th	9.00am	DC Operation	DCC & DC Operation
			Theme Running – Cement Wagons	

Annual General Meeting: 10am Saturday 31st August 2019

SEPTEMBER	Date	Time	HO/OO	N Scale
Tues	3 rd	9.00am	Work Day	
Wed	4 th	7.30pm	DCC Operation	DCC & DC Operation
Thurs	5 th	9.00am	DCC Operation	DCC & DC Operation
Tues	10 th	9.00am	Work Day	
Wed	11 th	7.30pm	DC Operation	DCC & DC Operation
Thurs	12 th	9.00am	DC Operation	DCC & DC Operation
Tues	17 th	9.00am	Work Day	
Wed	18 th	7.30pm	DCC Operation	DCC & DC Operation
Thurs	19 th	9.00am	DCC Operations	DCC & DC Operation
Tues	24 th	9.00am	Work Day	
Wed	25 th	7.30pm	DC Operation	DCC & DC Operation
			Theme Running – CR	
Thurs	26 th	9.00am	DC Operation	DCC & DC Operation
			Theme Running – CR	

The Newcastle Express

Newsletter of the Newcastle Model Railway Club Inc.

Wire for Model Railways

The question was asked at the Club one Wednesday night, which type and size of wire should I use to wire my layout?

Wires are coded by their size (gauge). The smaller the number, the larger the wire. The wire can also be purchased as solid or stranded. A solid and stranded wire of the same gauge will be the same total diameter. But a 12 gauge solid wire is one strand, while a 12 gauge stranded wire may be made up of more than a dozen much smaller individual strands spun together.

In most cases, stranded wire is preferred because the multiple threads provide more conductivity and flexibility. However, there are times when the solid wire has advantages, particularly when soldering in small locations. Some DCC systems also recommend solid wire for certain applications.

The insulation on the outside of the wire also varies greatly. In most cases, because we are dealing with relatively low voltage and amperage and in normally stable temperature and humidity climates, our wiring does not require any extra insulation. If you're experiencing problems with your wiring due to humidity, for example, you are going to face even greater issues with the trains and tracks themselves. Outdoor railroads are, of course, an exception! Heavier insulation not only adds to the cost of the wire but also makes it harder to bend.

The multi-conductor wire is also available. This is different from the stranded wire in that the different individual wires, each with their own color-coded insulation, is placed inside a secondary insulation wrap. Three conductor wire is common for household use. Multi-conductor wires with many strands of finer wire are more common for telecommunications and electronics. These can all have uses for your layout.

Although it will not have any impact on the performance of the wire within, choosing multiple colors of wire, and standardizing on a specific color for each function, will go a long way in making your wiring easier to install and easier to detect flaws later on. There are a few standards when it comes to color coding. DCC decoders are one good example where the wire colors are critical. Although not necessarily a mandated standard, white, black and or red are used for track power on most layouts - if for no other reason than these colors are easiest to find.

*For further information or membership enquiry's, please contact: The Secretary, T.N.M.R.C. Inc.
Ph (02) 4952 8157 or email: secretary@tnmrc.org.au for more information regarding the clubs activities
please go to our website: www.tnmrc.org.au*