The 2mm Scale Association. Annual Model Competition 2022

Locomotives - Scratch or Kit built

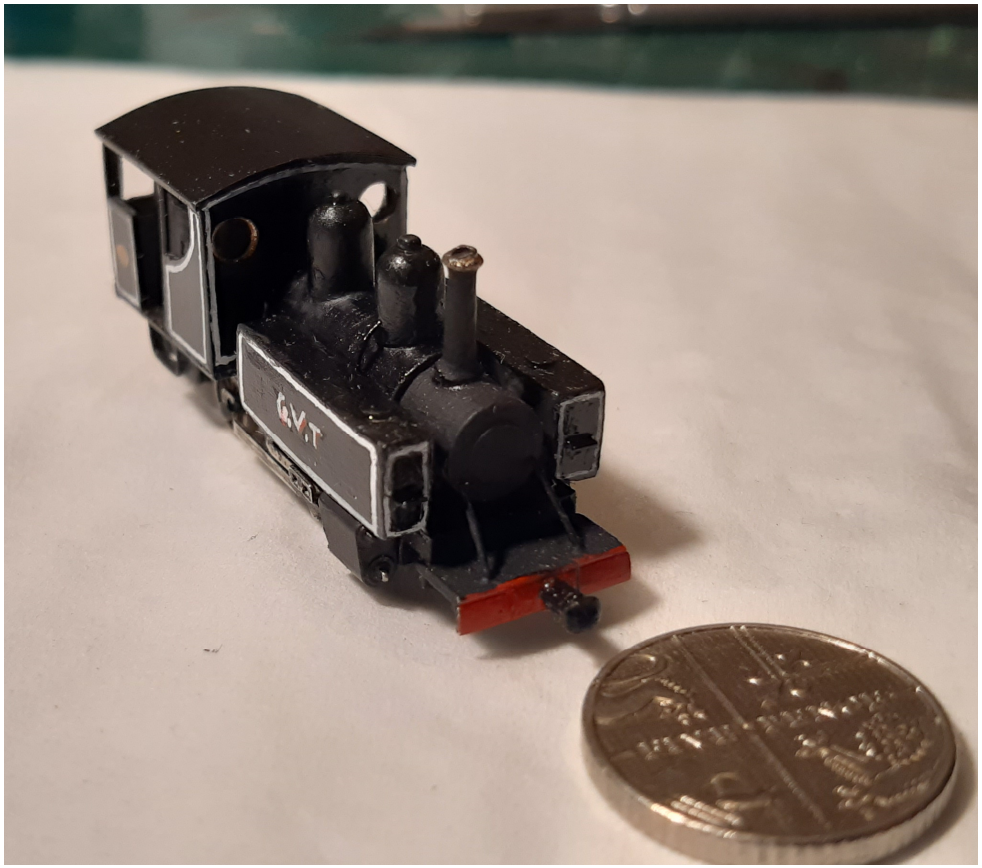
The following pages show the entries in the “Locomotives - Scratch or Kit Built” category of the 2022 model competition. Voting takes place online, and all members will be emailed voting instructions and a unique voting ID.

To make your choice, look through the pages, and select your choice of best entry, note its number (eg. L3) and select that choice on the online voting form.

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L3. GVT Baldwin Tank Engine

I got the idea for making that Baldwin from Colin Woolridge with his excellent little Pennington layout where in an article he described taking apart a Marklin Z gauge 0-6-0 tank, milling the frames down, rebuilding pickup assembly and putting it back together on the 5mm gauge. Whilst in 2018/19 a few of us in Dorset built a 7' long 5mm gauge model of Pontfadog, the middle halt on the Glyn Valley Tramway, so where in need of some stock. After reading Colin's article I compared a set of the J.I.C.Boyd and John Milner drawings of the Ex WDLR Baldwin that ran on the GVT to one of em Marklin chassis, amazed how close it is, with a few mods to the chassis quickly knocked up a brass and lead body which seems to have made a half convincing representation that didn't take long to put together and nice bit of pulling power.



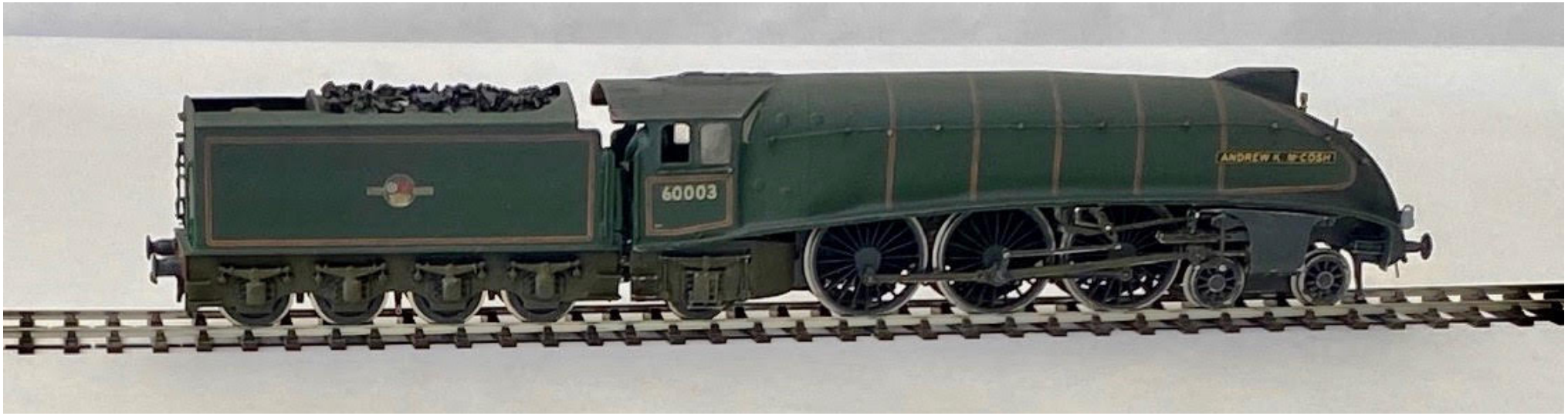




L5. Gresley A4 no 60003

Using a 3D model brass boiler, along with my own etch designs for chassis, loco cab, name plates, front coupling, tender body and cast axle boxes, along with Association gears and wheels etc. this Gresley A4 class locomotive was painted and lined out as number 60003 Andrew K. McCosh.
Usual motor arrangement in tender with drive shaft acting on gearbox on loco chassis.






ANDREW K M°COSH
60003

L9. GWR Steam Railmotor

Basis is a modified Worsley Works etch of sides and ends to convert from a Diagram R to earlier Diagram O. Powered by a 6mm diameter Tramfabriek motor in a milled housing above the driving wheels.

Finished in the 1906 livery featuring the "prize monogram" (hand drawn in acrylic ink) applied to a few vehicles 1905-1906.






№ 61


№ 61

L11. ex Caledonian Jumbo

BR unfitted 0-6-0 57232 (ex Caledonian Railway Jumbo as rebuilt by CR in 1918, and by LMSR with MR type regulator dome and removal of outer casing of chimney) with tender 798. As running in 1959.

Scratchbuilt in nickel silver with some parts by Worsley Works. (WW frames, coupling rods, tender tank. Cab sides and footplate modified to correct errors in etch.) Association wheels, gears, flat can motor. Tender axleboxes cast from Milliput from my own master. CT Electronik DCC decoder. Modelmaster and Fox transfers. Wee fireman mannie and lamps(non-working) by Modelu.




57232

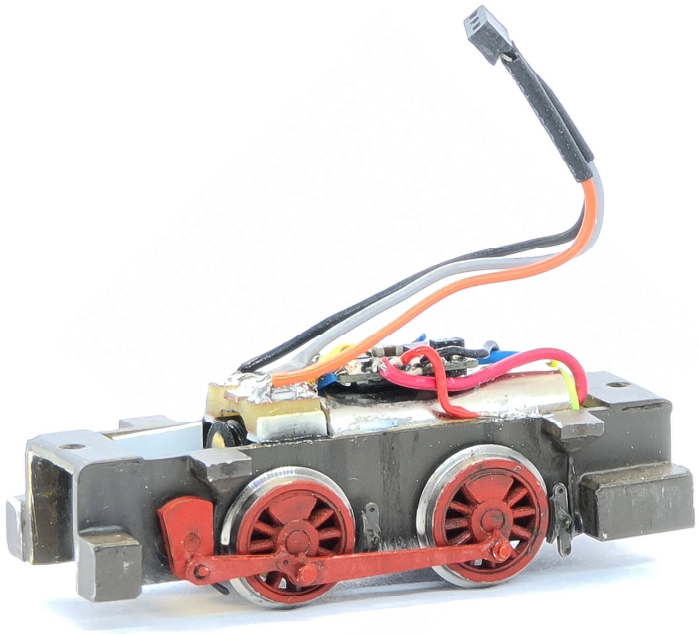

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L15. Ruston Diesel Shunter

Constructed from a combination of reduced 4mm scale nickel silver etches from Judith Edge (cab and hood) and a custom chassis cut from 0.8mm brass (frames, solebar and buffer beams).

The chassis uses the Association mk5 wheels and is powered by a 6mm coreless motor. The cab contains three 470uF stay alive capacitors and has an operating flashing orange beacon on the roof which is connected via a light tube to a LED within.

The 25 litre oil drum in the solebar was hand carved from solid plastic.






2751


2751


2751

L30. NMBS class 25.001

Conversion of a Fleischmann DB class 50 into NMBS class 25.001 with new 3D printed boiler, cylinders and hand added detail and new tender with sound chip and stay-alive. Full description including video with running at:

https://www.fs160.eu/fiNeweb/Lconstruction/type25Nr2/type25part2.php





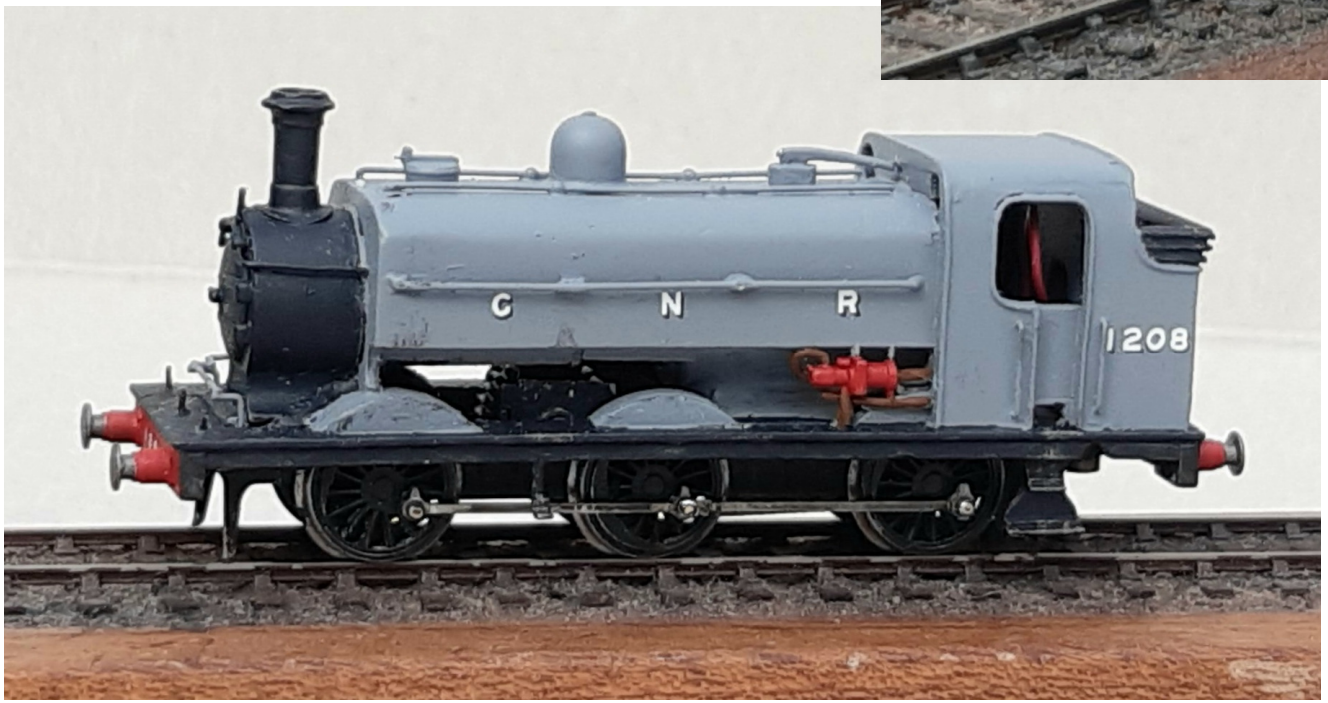


L33. GNR G13

Body is a Beaver GNR J13 whitemetal kit, with additional detailing, finishing in war time grey livery, transfers from Fox transfers.

The chassis is based around the Assocation's Jinty replacment chassis, with some minor alterations. Powered with a 8mm coreless motor.






G N R
1208


G N R
1208
120