

The 2mm Scale Association. Annual Model Competition 2022

Freight Stock

The following pages show the entries in the Freight stock 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. F3) and select that choice on the online voting form.

Photograph copyright is held by the individual entrants to the competition.

F4. BR 1/208 12T standard vans and 1/209 12T ShockVans.

All are built entirely from Association Shop 2 parts. Painted and weathered with Acrylic paints, mostly by airbrush, with transfers from both Fox (for the Shoc stripes and "shocvan") and Modelmaster (for all the numbering, XP, tare weight etc.).



F10. GWR Wagons.

Cattle Wagon (Diagram W1), "Iron Mink" vans (Diagram V6), 5 Plank Open with Sheet Bar (Diagram O4), 4 Plank Open (Diagram O5).

Cattle Wagon and one Iron Mink finished in Red livery of c.1893-1904, Opens and other Iron Mink finished in Grey livery with cast number and lettering plates (c. 1898-1904). The plates were made by painting 0.005" plastic sheet in grey body colour paint, then scratching off the numerals / letters with a needle.

Cattle wagon 3D printed from my own artwork.

Iron Minks 3D printed by Richard Brummitt from his own artwork.

4 Plank Open Association kit.

5 Plank Open much modified Association kit to convert from Diagram O3 to earlier Diagram O5 (narrowed, top plank reduced in height, removal and reinstatement of strapping, added sheet supporter bar and fittings, etc).

(Photographs continue on next page)



F10. (continued from previous page)



F12. Shark Ballast Plough.

Built from the N Gauge Society shark ballast plough kit.

Converted to a ply sided rebuild by filling the moulded plank detail and separate handrails fitted.

Association axles to suit the Peco chassis were used in the conversion.



F14. 45T Tank Wagons.

Ten Stephen Harris kits of the 45T tank kit.

Each model is based on an exact prototype to Paul Bartlett photographs, with custom made transfers so ensure the correct markings are used for each wagon.

Custom axle boxes and springs have been drawn by the entrant and 3D printed by a friend.

Three variations of walkways, one of which was created by combining the two versions provided in the kit.

Weathering is a mix of acrylic and oil paints.

(Photographs continue on next page)



F14. (continued from previous page)



F27. Three 1907 RCH wagons

Three 7 plank 1907 RCH wagons with end and side doors lettered for the Carlton Collieries Association.

These are CAD designed bodies, printed on a Anycubic resin printer running on 9' wheel base chassis from Shop 2. The buffers are also 3DP.

Transfers were designed on Adobe Illustrator using photos of prototypes to get the various details correct. The transfers were then printed using white toner in a laser printer.

Real coal was added to the top of filler blocks.



F28. L&Y/LMS train.

Dia 10 brake van, a kit from David Eveleigh

Dia 1 single plank wagon - Masterclass Models 3d printed body on an association 9ft LNWR chassis

Dia 69 20T loco coal wagon - 3d printed of my own design from engineering drawings on an association 12ft L&Y chassis

Dia 3 covered goods wagon - 3d printed and of my own design from engineering drawings, on an association 9ft LNWR chassis

Dia 62 covered goods wagon - 3d printed and of my own design from engineering drawings, on an association 12ft L&Y chassis

Dia 80 single plank wagon - Masterclass Models 3d printed body on an association 10ft 6in L&Y chassis.

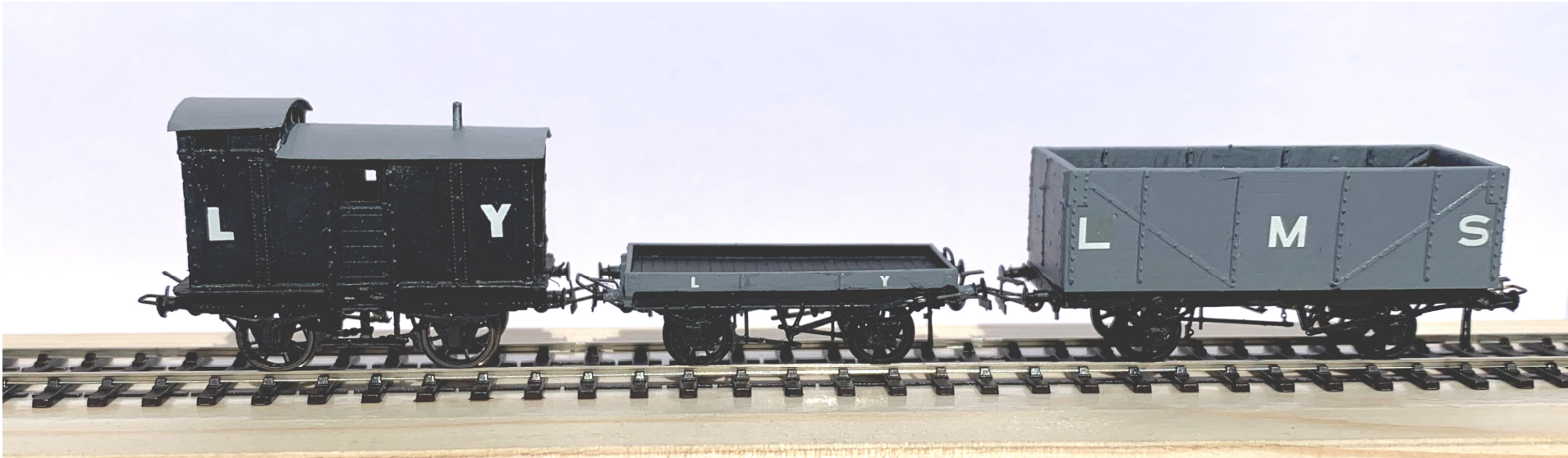
The models were all painted by hand using acrylic paints, colour matched by eye to photographic examples. Transfers are from Fox.

The models are meant to represent a pick-up goods train in the transition era of the LMS, where pre-grouping influences still hold sway.

(Photographs continue on next page)



F28. (continued from previous page)



F34. 3 LBSC Ballast wagons

From Etched Pixels brass etches.



F35. Mixed freight train

Brake van:

Shot down Mathison Models etch purchase from Derby Jubilee Show.

Chassis made up using a 2mm Association etched with the brake detail and solderbars from the kit.

Barry open wagon:

Shot down Dragon models etch purchase from Derby Jubilee Show. Chassis made up using a 2mm Association etched, solderbars and brake parts from Dragon models etch.

SDJR Cattle Wagon:

Association etchs for body and chassis, RailTec transfers for lettering.

Purple Wagon:

Sithlord 3d print body and coal insert. 2mm association chassis, main parts soldered by Freya (age 8) myself finishing the axle boxes and fiddly brake gear. Livery chosen and applied by Freya.

The fine livery detail applied by Posca Acrylic paint pen.

(Photographs continue on next page)



F35.

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previous page)

