Annual Model Competition 2024

Freight Stock

The following pages show the entries in the Freight stock category of the 2024 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. C2) and select that choice on the online voting form.

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

W1 – Three Revolution 35t class B tank wagons

The models have been fitted with Association drop in wheels, renumbered, detailed and weathered using a mix of acrylic and oil paints

W2 – PGA Salt Hoppers

3D designed PGA salt hopper to 2mm FS. Designed from Colin Craig drawings and using 2mm Assoc wheels. Designed in fusion 360 as a one-piece print. Decals by Railtec and tarpaulin made with 1 ply tissue and sanding sealer. Part of a rake of 5.

Dcarb
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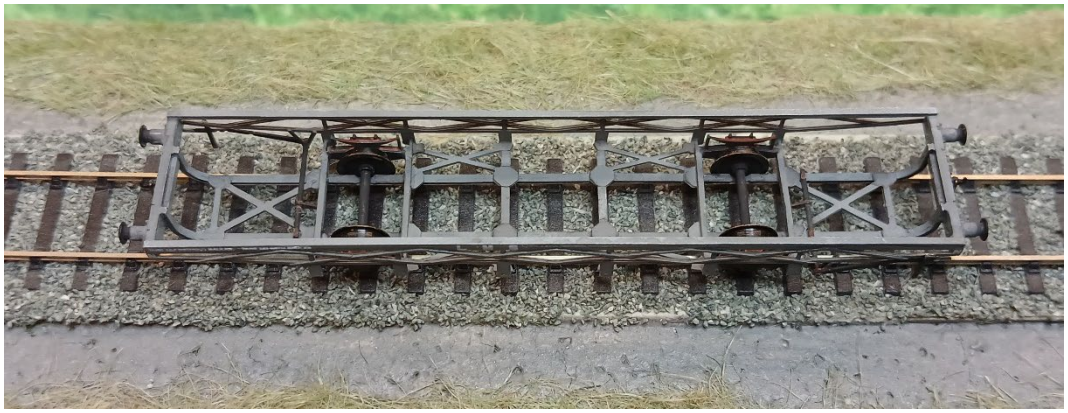
UK LIMITED

W3 – LMS (Ex-MR Diagram 326) Deep Case Truck

The model has been built from an etched kit produced by Bruce Cook, augmented by a few bits from the spares box (coupling hooks and plates, brake levers and V-hangers) with buffers and wheels from the Association range. The 3-link couplings are home-made.

The model was primed with Upol Acid#8, then Precision LMS grey enamel was applied with an airbrush. The black areas (Precision weathered black) and weathering (a mixture of dirty thinners and precision dark rust) were brush painted. Bespoke transfers were supplied by Kevin Knight.



W4 – L&Y Wagon Assortment

3D printed bodies from Chris Higgs and Adam Barstow on Association under frames

W5 – LSWR Wagon Assortment

LSWR left to right: Glass wagon, Bob Jones etch; Fruit van, Box van, Meat van, Double bolster all scratchbuilt in pasticard on Association under frames.

W6 – H&BR Assortment

A selection of Hull & Barnsley Railway freight wagons including:

- 3 Plank Drop Side Goods Wagons
- 5 Plank High Side Goods Wagons
- Covered Goods Vans

These are all types originally delivered to the railway in time for its opening in 1885.

The 3D models for the bodies for these wagons and vans were done by the modeller and they were printed at home. The springs and axleboxes are also 3D printed from the member's design. The chassis are Association kits, principally the 9ft 1887 RCH and the 9ft Midland Railway ones. They have been altered to suit the models - all these vehicles featured single sided brakes with one lever. Turned brass buffers and bearings and 8 spoke wheels are Association parts. Couplings are DG.

The models were painted and hand lettered with enamels and weathered with enamel washes and dry brushed acrylics. Some models are lettered as the original "H B & W R J R & D Co" - Hull, Barnsley and West Riding Joint Railway & Dock Company in 6" lettering, while others feature the somewhat abbreviated "H & B R" which was introduced from 1892 in 6" lettering and from 1897 in 17" where the size of the vehicle allowed.

H&
BR

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W7 - Barry Railway MITE Timber Wagon.

The basis of this model is an etch reduced from a Dragon Models 7mm Scale kit, slightly adapted to work in 2mm Scale. Association and scratchbuilt parts were added to make up for those bits that were not on the etch, notably the bolster. The tree trunk came from a bush in the garden. The livery is replicated from that shown on the Dragon Models site but in a worn, in-need-of-a-repaint appearance.

W8 – Mixed Rake (1)

LNWR open - Chris Higgs 3D print
GC open- modified Farish
SDJ open- Modified Association kit
GC van - Bill Bedford etch
NS open - etch, unknown origin
MR open - ancient Richard Wilson kit

W9 – Mixed Rake (2)

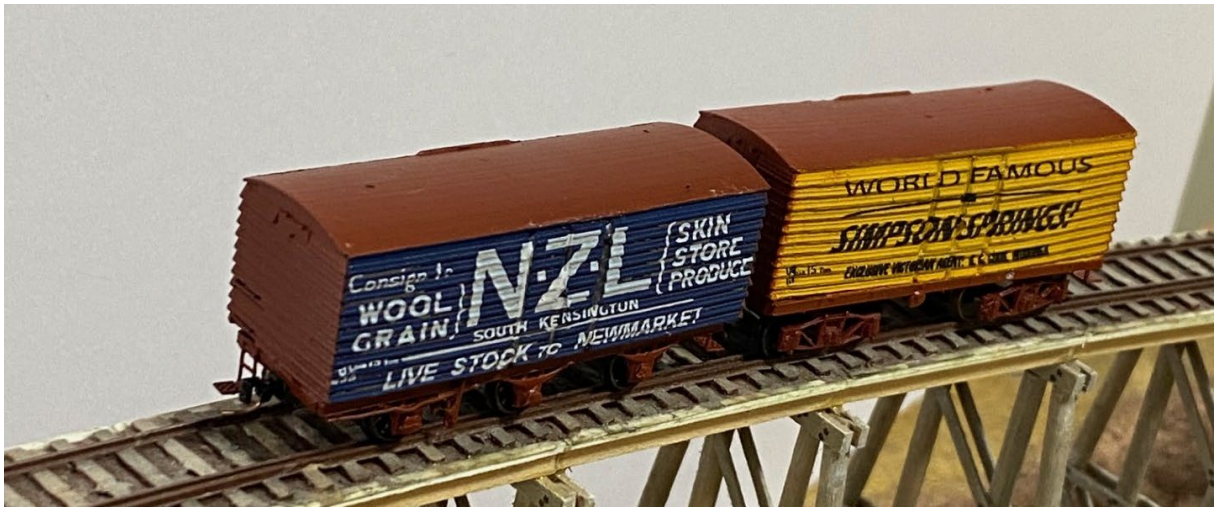
SMJ open - scratch built in plasticard
GW iron mink - Association kit
LNWR open - Chris Higgs 3D body
GW van - Ian Smith 3D body
SECR open - scratch built in plasticard
MR open - Association kit

W10 – PWA Bogie Palvan

Designed in Fusion 360 using published drawings to 2mm scale. Running on association Gloucester fast freight bogies and wheels. Decals by Railtec.

W11 – Victorian Railways Vans

These are models of Victorian Railways (Australia) louvered U and UB vans and are 5'3" (10.5mm) broad gauge. Both chassis and bogies are of my bespoke etches. The bodies are 3D prints by Steve Bigelow. Paint and bespoke decals by Kevin Knight. Wheel sets are regauged Association 13.7mm axles and couplers are Micro trains Z scale knuckle versions.



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W12 – NER P7 Wooden Hoppers

These have been built from the plastic kit available from Shop 2 and the associated chassis. Transfers were done using Adobe Illustrator and printed using white toner in a laser printer. Simple hook and loop couplings as they are intended to run in a fixed rake.

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