

# MALKY'S N-SCALE S.A.R. MODELS

## Steel Bulk Mail Van 1D



Photo Courtesy ComRails web page (Chris Drymalik)

**The Prototype:** This steel bodied car was built by the Islington workshops in 1931 to replace the wooden van 2D that was destroyed in a derailment in 1929. It was used mainly on The Overland but also on the East-West Express.

### For More Information:

The information used in the development of this kit was taken from the article *Various Passenger and Departmental Rollingstock of the South Australian Railways* in the notes of the Modelling the Railways of South Australia Convention 2009, pp 3-267 – 3-282, in particular p 3-272.

**The Kit:** The kit consists of 3D printed parts which can be purchased from Shapeways and decals available from MNSSARM. The Shapeways portion consists of two parts printed in Shapeways Smoothest Detail plastic: a body and a floor/underframe. In addition, you will need Microtrains 1015 couplers, and suitable bogies. The Commonwealth bogies made by Roundhouse are suitable.

1. Clean the plastic parts thoroughly to remove any remaining wax from the printing process. This is essential to ensure good paint and glue adhesion. Cleaning can be by soaking in suitable solvent, such as isopropyl alcohol, assisted with a toothbrush. Further cleaning and/or sanding may be needed to produce an acceptable finish on the plastic parts.
2. The underframe fits up into the car body. Ensure that a good, neat fit is achieved. If necessary, file material from the sides or ends of the floor. Before final fitment, drill the underframe for bogie pins and couplers and determine if added weight is needed.
3. Paint the parts. The car body should be SAR red/brown. The roof should be silver. The underframe should be black.
4. Apply decals: the car numbers: two on each side at the upper edge, midway between the doors (see photograph). Seal with Dullcote or similar.

### Acknowledgements

Photo from the ComRails web page <http://www.comrails.com/> (Chris Drymalik).

