BR Class 08

I have enjoyed building Peter Davis’s Class 08, it went together really well and the level of detail is excellent. Many thanks to him for making the stl files available for us to print. One of the great things about our hobby is being able to do things our own way so I have made a few changes to the design to suit my circumstances.

1. I have changed the scale to 10mm to the foot.
2. I have added some tabs and slots to the two parts that make up the running boards. I found on my first attempt that the boards did not meet and one warped. I will make the files available for anyone who wants to use them. These are in 10mm to the foot.
3. I designed an axle slung power unit. This sits under the running boards, can accommodate up to two motors and is ball raced. Some parts require machining. The stl file is available as are some instructions, drawings and images of the unit. This will fit the original design of 3/8” and 10mm to the foot but is intended for 3mm axles.
4. I changed the six axle bearings to ball races, MR63ZZ. The axles are 3mm diameter, the holes in the axle boxes have to be opened out to 6mm diameter. Imperial equivalents are available.
5. I had the glazing laser cut by Peter Wood. NOTE these are in 10mm but Peter can rescale them for you.
6. The rear wipers and eight lamp irons are in brass, laser cut by Model Engineers Laser. Part number 24029 for a set of lamp irons and two wiper blades. I will put a pdf file on the forum regarding these. Should be fine for 3/8 and 10mm.
7. I had the cranks cut in 2.5mm steel again by MEL. These are part number 24035 for a set of eight (two spares). Should be fine for 3/8 and 10mm.
8. The rear black and yellow hatching I printed onto white water transfer material. This was a bit of a fiddle as I do not have the original drawings, so had to reverse engineer it. I think it came out better than if I had painted it by hand. I will put a pdf file on the web site for others to use if they want to. NOTE this is in 10mm to the foot but you should be able to rescale the pdf.

As yet I have not fitted the radio control, the unit I wanted to use is not available. I have made a dummy radiator to house the speaker and I intend to make a dummy diesel engine to house the rest of the radio gear and sound card.