

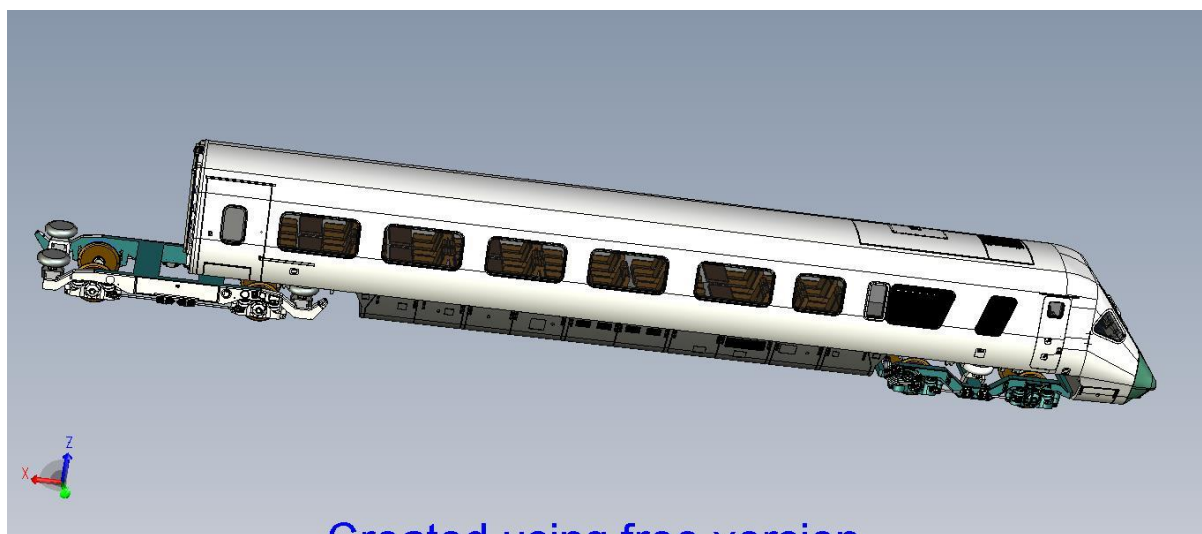
# OO Gauge APT model progress report #3

Released to customers 27.01.2019



Hello everyone and welcome to newsletter #3 of the OO gauge APT, and exciting times it is too.

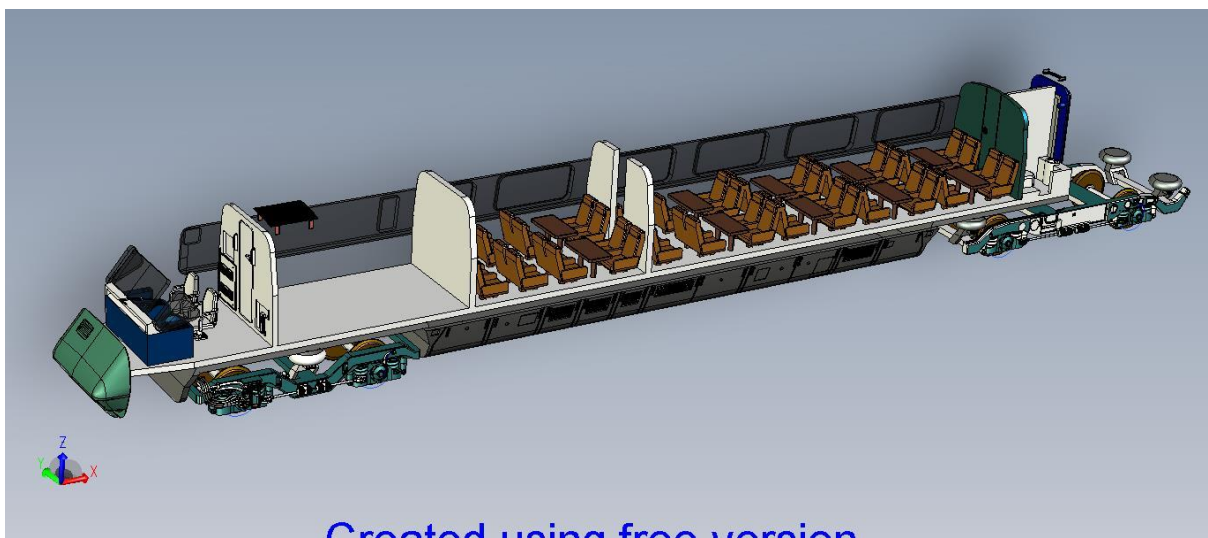
Interspersed with this newsletter you will see pictures taken from the first cad/cam of the DTS (Driving Trailer Second).



This is a basic cad/cam and isn't finished yet, and some details have been purposefully left off the cad/cam at this stage.

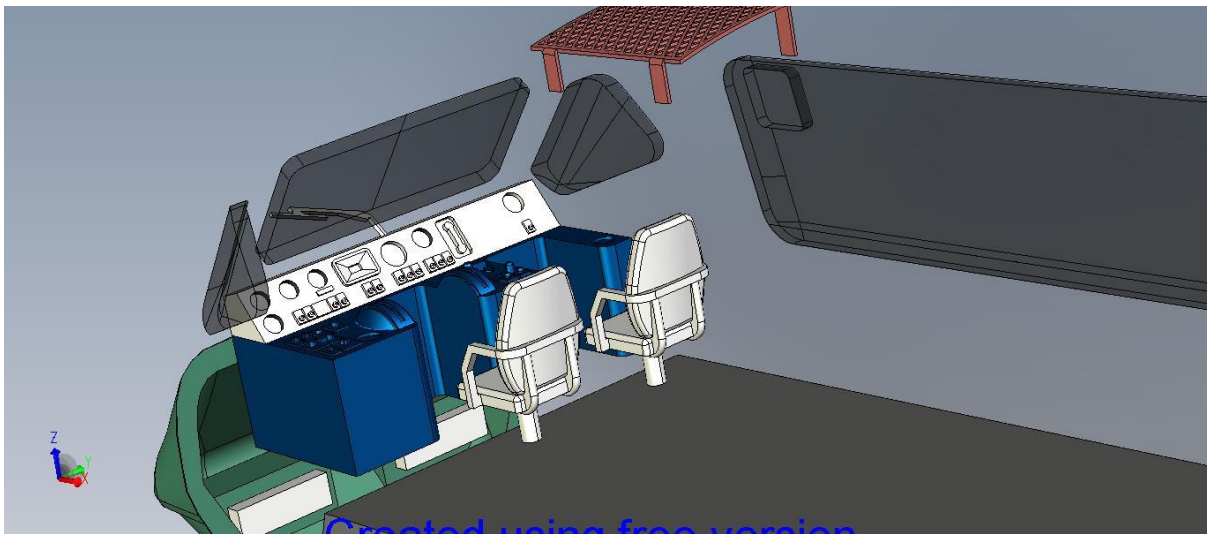


The big news is that with a fair wind, I should have this 3D printed this week, and on display at the Stafford show next weekend. I will take photographs and upload them to a supplementary e-mail to you over the next week (fair wind notwithstanding).



## Progress

Well, progress has been a might slow, but is now ramping up and China are now saying that they should have the completed cad/cam for review within 45 days of you reading this. (apparently including Chinese New Year!)

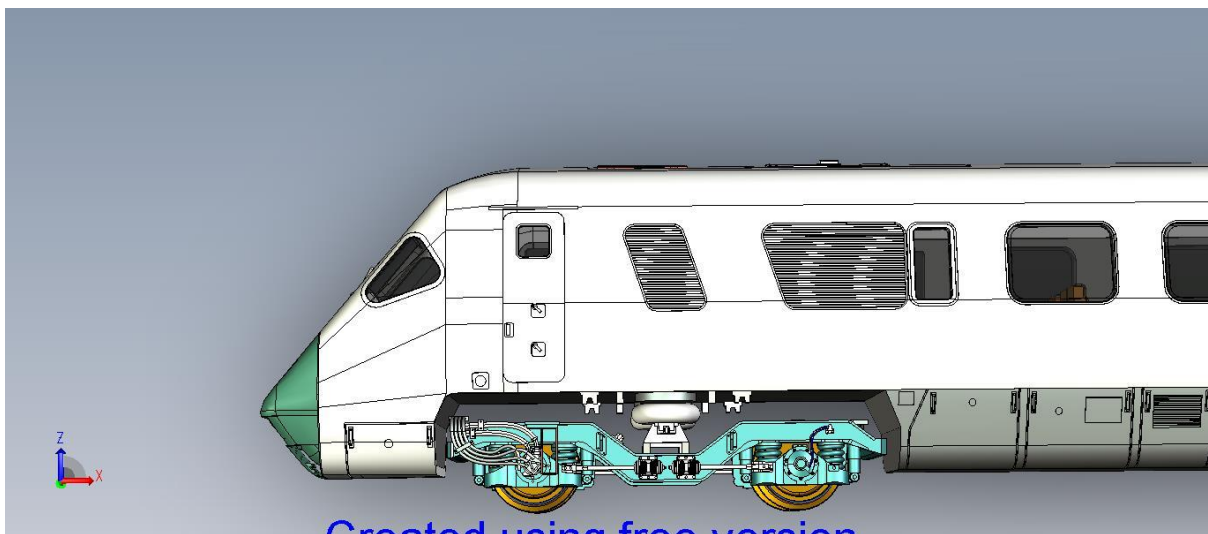


Reading between the lines, I think they are almost there on the remaining cars but need some more time to add more detail etc. This 45 days wont be to the sign off date, as I will spend a week taking a good look at each car in turn, checking, debugging and checking again. This is where you get the opportunity to tell me where you think the model needs changing / altering, as I wouldn't just not give you the opportunity to be involved in YOUR model.

## Why the wait?

I get asked this a lot either in mails or at shows.

I think, simply put, you need to think of each car as a locomotive, minus gears and motor, but including pretty much everything else, and we know announced locomotives can sometimes take a couple of years to complete to tooling stage. And this is 6 locomotives!



So although it's dragging on a bit, please understand that reasoning.

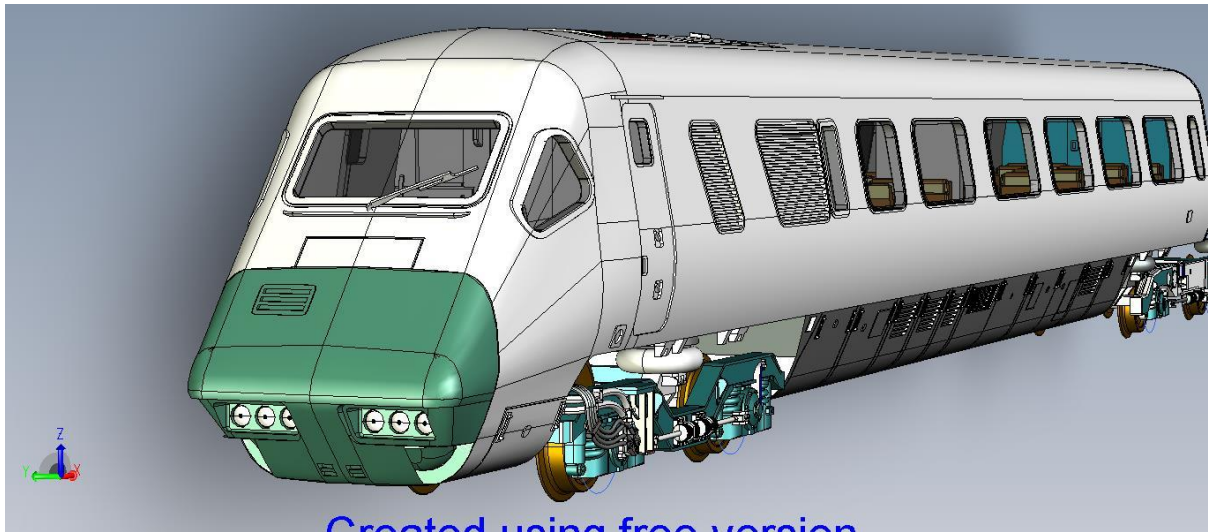
In recent weeks I have been at Crewe measuring the cab, controls, doors, ceiling, floor, chairs and taking higher resolution pictures of individual dials for the model. This has helped considerably in the design of the cab interior.



## Second Payment due?

Please relax, its not due yet, and I will ask for it in a newsletter shot to you, all once I sign off on the cad/cam design for tooling.

So we have at least 45-50 days before that time.

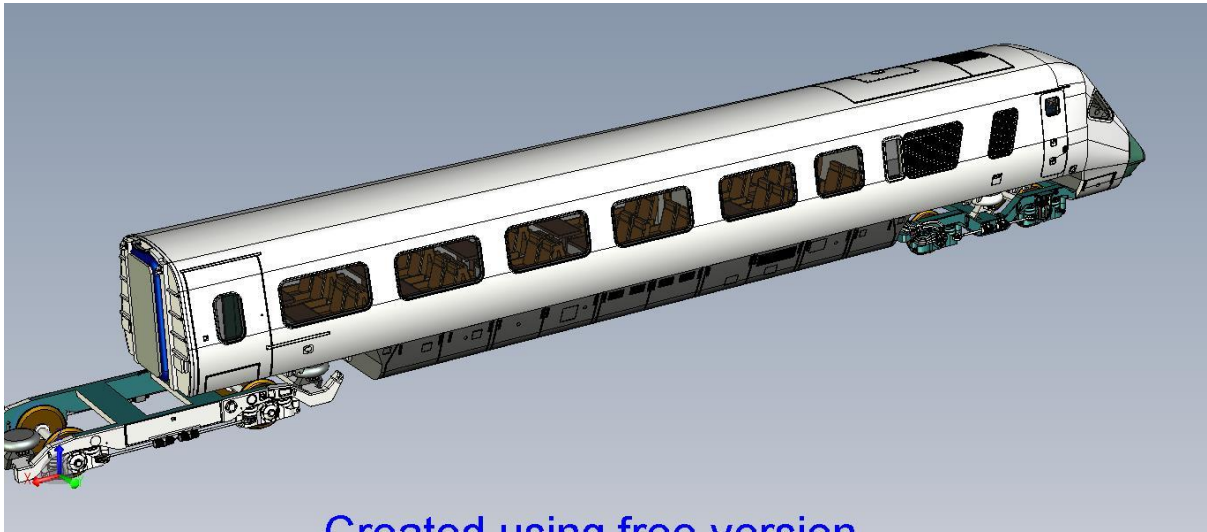


Once the cad/cam is completed, I will then get the box designed. This will, at present, be a Hard Cardboard



The lid will have a thumb cut out for ease of top removal.

Inside will be 3 identical foam trays with cut outs in them.



This will be for a 'clam shell' clear plastic box that holds each car in place with a plastic clear 'sleeve' the slips over the clam shell for further protection. 1 layer of Foam will go across the top of the top tray for added protection. With instructions etc between the lid and the foam layer. Accessories etc will be in a small accessory box within a cut out on the foam tray.

14 coaches will have 3 trays, with 5 or 6 cut outs, and for smaller sets the box will be smaller in height for 6 up to 12 car sets (so 3 different box sizes (in height) in total).

Hopefully I will be I touch later this week with pictures of the 3D print.

Best regards to you all

Dave

