

Name: Edwin Sudds

Project Name: Pusher Tug 'Dreadnaught'

Description: A scratch-built semi scale pusher tug based on the popular 'springer' class models. Design was inspired by a US Navy docking support tug, but with an orange and black colour scheme of Kosnac Tugs in New York. Model is currently powered by a 2830 750kv brushless motor using 2s Lipo driving a 40mm brass 4 blade propellor and a steerable kort nozzle.

Dimensions: Length 490mm, beam 220mm

Status: Construction started in November 2022 and was structurally complete and test sailed in January 2023 with final scale detailing added in February. At some point the superstructure will be replaced to incorporate learnings from this first versions as well as lighting and additional scale details such as a cabin interior.

Features:

- The hull is of very sturdy construction being built from scrap 18mm plywood, which inspired the 'dreadnaught' name.
- All the superstructure and the scale details were 3D printed in ABS plastic in their final colours. No additional painting etc. was made to these parts as an experiment to see what level of finish could be achieved with this rapid construction method.



Model in its presently complete form.

