

Evelyn J - Fishing Boat

Built by Tony Middleton



Evelyn J is a freelance model of an inshore fishing vessel based upon the Caldercraft Celia. The Celia kit was itself based on the Freeward design of standard hulls several of which have been fitted out as trawlers, diving support vessels, passenger tenders and many other successful work boats.

As the deck and bulkhead components of the kit did not fit they were replaced with 2mm liteply. This gave the opportunity to make the deckhouse and centre of the deck area removable for access. A feature the kit version lacked.

The keel was filled with fibreglass and polyester resin to add strength and hold the shaft permanently in position. The hull is a one piece styrene moulding so great care was required to ensure that the resin did not soften the hull material and the heat generated by the curing resin did not distort the hull.

The rudder attachment was redesigned to be removable to make maintenance easier and allow the prop shaft to be changed.

A 650 DC motor, water cooled, was used for drive via a 2.3:1 belt drive gear box. A universal coupling connects the shaft to the motor and the shaft is fitted with an oiling access point near the coupling. A white metal prop, supplied with the kit, is used.

A six cell 3000mAh NiCad pack provides the power for the motor.

The receiver uses a separate four cell pack to drive one rudder servo and an RF10 speed controller giving forward and reverse motor control.

Working lights include navigation, mast, flood, searchlight and stern light.

The deckhouse control panel has several instruments, a binnacle compass, a radar unit and depth sounder. All are illuminated as well as the deckhouse main light. Two dry battery packs provide the illumination power, one 12volt the other 3 volt.

The model has also been fitted with a small video camera, in the cabin, transmitting a water level view to the shore. The resulting video images were displayed on a television operating from a 12 volt car battery