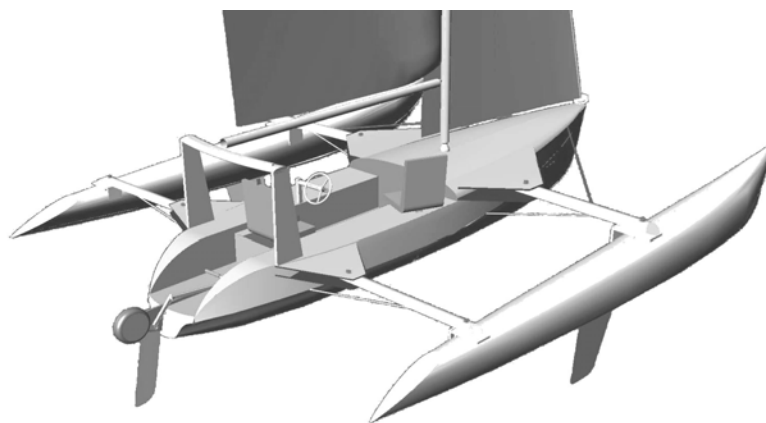


The Amateur Yacht Research Society

Some Members' Projects

FREE SPIRIT *Charles Magnan*



Free Spirit is a fast open amphibious trimaran daysailer capable of being launched, recovered and folded, as well as being sailed, by disabled sailors without the need for assistance. The amphibious capability of the boat is achieved by means of a retractable undercarriage powered by electric motors powerful enough to allow her to be driven down a slipway (and back up again!) with the crew aboard. In this respect the boat is unique as far as the designer is aware. Fore-and-aft folding allows the beam to be reduced sufficiently for trailering as well as reducing hardstanding storage space. It is the designer's intention that the design be made available to charities and other bona fide non-profit organisations on a royalty free basis provided that the sole beneficiaries are disabled sailors themselves.

Additionally, as a roughly Tornado sized performance oriented trimaran, *Free Spirit* is likely to make a good platform for experimental rigs, hydrofoils etc. As a result, it is the designer's intention to also make the design available to AYRS members on a royalty free basis as a standard hull design. She will also appeal to all sailors who enjoy the sensation of fast beachcat sailing, but would prefer to achieve similar performance without needing to be suspended on the end of a trapeze wire.

At the present time *Free Spirit* only exists as a design on paper/computer, but the intention is to get a prototype built in the near future.



AYRS - *Where the ideas are !*

Membership and other enquiries to: AYRS, BCM AYRS, London WC1N 3XX, England
Tel: +44 (1727) 862268; Email: office@ayrs.org; Website: <http://www.ayrs.org>