

## DIRECTORS PROFILE



**BASTIEN POUTHIER**  
B.Eng. (Hons.),  
GMRINA, AMSNAME  
Naval Architect

### BACKGROUND

Born in France, Bastien Pouthier was educated in France and in the U.K. A passion for sailing vessels and the sea led to an engineering degree in Yacht and Powercraft Design based in Southampton, England. His diverse experience was obtained whilst working as a Naval Architect, in various well-recognized Design Offices in France and in a large luxury sailing catamaran boatyard in Trinidad.

As cofounder of AMD he believes that future growth is only gained by providing a quality professional service every time.

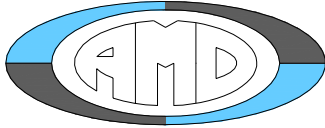
### PROFESSIONAL MEMBERSHIPS

Graduate Member of the Royal Institute of Naval Architects  
(GMRINA), London, UK

Associate Member of the Society of Naval Architects and Marine Engineers  
(AMSNAME), USA

### LANGUAGE

Speaks fluent French and English, Spanish written and spoken, Portuguese spoken.



## QUALIFICATIONS

Batchelor of Engineering in Yacht & Powercraft Design from Southampton Institute, Southampton, UK Honours Degree

Scientific preparation in an Aersopacial and Land vehicles - engineering school in France.

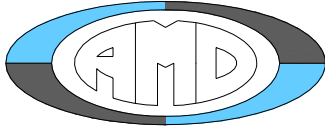
Federal Sailing Instructor recognized by the FFV, French Federation Sailing Association.

French powerboat pilot license, for unlimited power and ocean range, gross tonnage < 200 tonnes.

R.Y.A. Off-Shore Yachtmaster, UK. Insurance recognized yacht skipper.

## MARINE DESIGN

- Design of a User's Manual for the sailing catamaran Kennex 380, lesod at Chantier Naval de Cordouan, FR.
- Interior design of the refit of a Jeanneau SunFast 50, at Chantier Naval de Cordouan, FR.
- Design of a lifting keel device for the sailing yacht RM 10.50m, at Marc Lombard Architecture Navale, FR.  
Structural Study - Requirements were to design a keel able to lift to reduce draft (easier access to shallow areas) and to rest the vessel on its keel (beaching). Design of the keel box – Requirements were that the structure resists grounding at average sailing speed.  
Structural and general arrangement drawings.
- Design of chain plates for the sailing yacht Randonneur 12.00 m, at Marc Lombard Architecture Navale, FR.



# ASSOCIATED MARINE DESIGN

NAVAL ARCHITECTS - PROJECT MANAGERS - SURVEYORS

- Preliminary design of a Patrol boat. In charge of the structural design, to the requirements of Lloyd's Register Regulations.
- Design of a bow sprit arrangement.
- Design of a 12.00 m Off-Shore Sailing Cruiser Racer. Design to an existing Open 40 Rule.  
Structure to ABS Rules, Tank testing of the lifting keel, bulb, rudders,  
Complete calculations and drawings.

Preliminary design on the Refit of Highest-Honour III, a large luxury sailing catamaran to an American owner's requirements, at MVPVLP Architecture Navale, FR.

Position as a Naval Architect at HH Group Trinidad Ltd.

This included various aspects of Naval Architecture and Marine Engineering:

- Work on the accommodation general arrangement.
- Moulds design for the refit of the vessel, comprising a stern plug, a stern hull mould, a stern deck mould, a roof mould.
- Work on the sail plans, deck plans, hardware and fittings selection, comparison between various hardware manufacturers.
- Work on the Engineering of the Systems on board, including hydraulics, Electricity, fresh and hot water, black and gray water, air conditioning, fresh air circulation, fuel, fire and bilge, engine room design. Schematics and lay-out drawings were provided.
- Design of fiberglass, sandwich construction, hatches for deck storing compartments.
- Design of flush carbon deck hatches.
- Design of integral fresh water tanks in sandwich foam-fiberglass construction.
- Hydrodynamic optimization of the keels profile using a NACA profile.
- Design of an 18 ft power cat as a tender for luxury yachts.
- Design of a trailer to haul out dinghies for customers storing vessels in the yard.
- Design of various office furniture.