

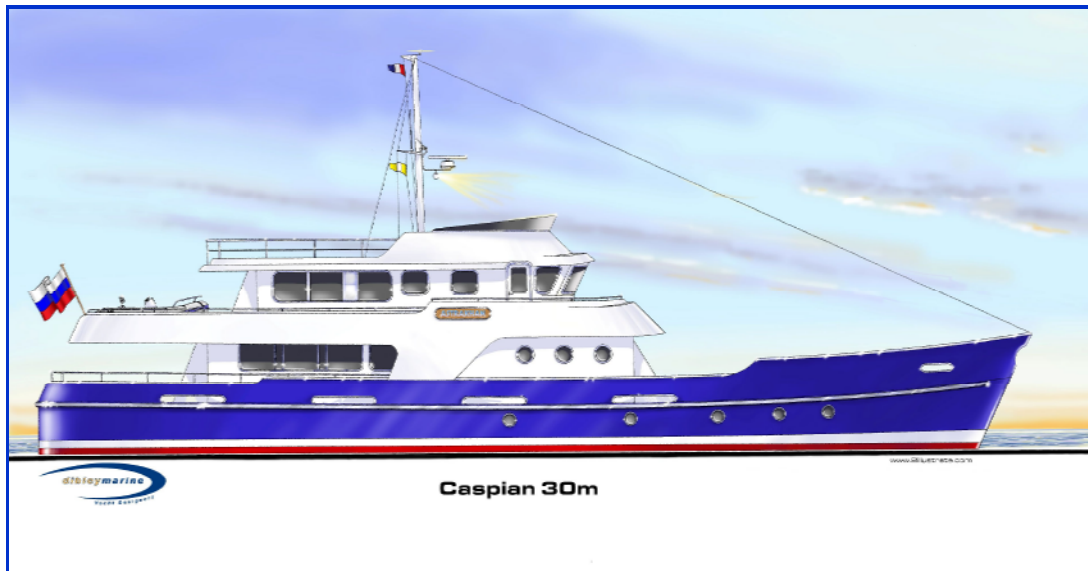
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### DIBLEY MARINE SERVICES

Naval Architecture  
Yacht Design  
Design Modifications  
Stability & Trim Analysis  
Keel and Rudder Design  
VPP & Performance Analysis  
Racing & Cruising Yachts  
Planing & Displacement Launches  
Design Reviews

## Caspian 30 Progress



Dibley Marine continues progress on the Caspian 30 project. Currently working through the Russian Rules for Inland Waterways and the International Maritime Organisation (IMO) compliancy rules for Intact and Damage Stability, Dibley has pulled in local Marine Consultant, John Harry to assist in the programme. One of Harry's specialist areas is in Classification Society and Safety Approval requirements. The finished Preliminary Stability Booklet will be used as the base weight and trim control sheet during construction.

The Russian requirements include compliance to severe wind and rolling and must meet stability criteria for Ice build up on Deck. The Preliminary Package will include General Appearance, Interior Layouts, Systems design for Plumping, Electrical and Hydraulic as well as Stability requirements which will need to be met by the builders during the construction process.

## TEAM PROFILE



Dibley Marine uses a number of Sub-contractors in their Design and Management projects. Experts in their trade include Boatbuilders, Electrical Design Engineers, Structural Engineers Graphic Artists, etc....

This Issue concentrates on Graphic Artists. Brad Heald has been sketching and dabbing the paint brush for over 15 years, with a passion for the sea and anything that is man-made and moves. Recently, Brad has taken his creativity to the next level with the formation of the New Zealand based illustration company, "Zillustrate". This company helps people see what they cannot through technical and artistic illustrations as well as conceptual sketches and ideas. Developing fast in this area, "Zillustrate's" future will be branching out into the construction of scale models, 3D designs and animation to achieve visual satisfaction for the customer. Dibley Marine has used Brad's talents on a number of projects and looks forward to working with him in the future.



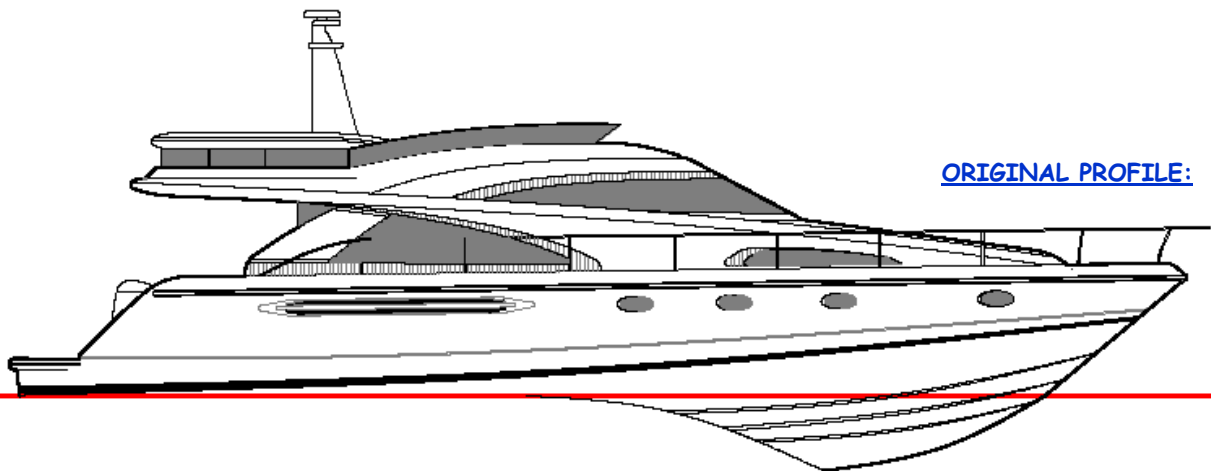
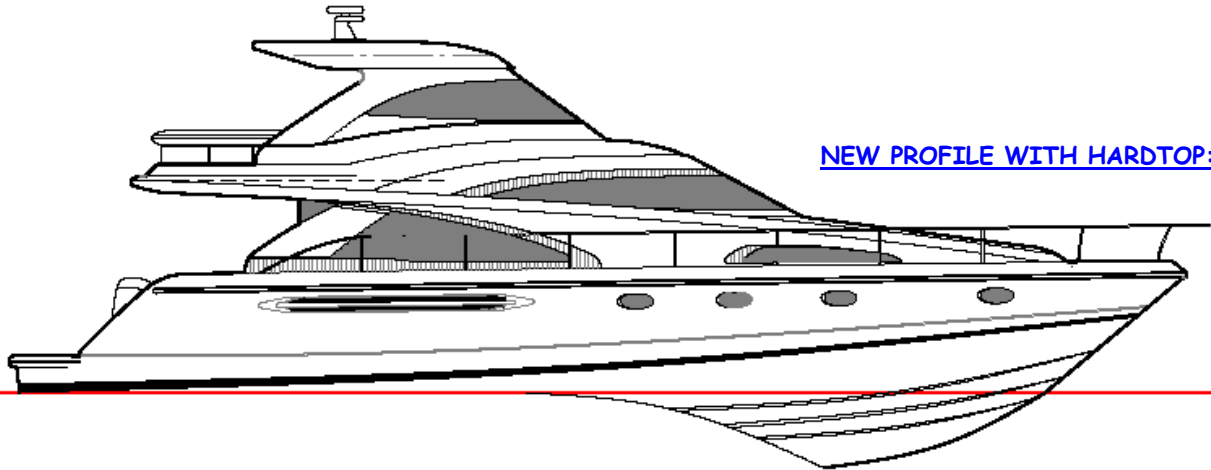
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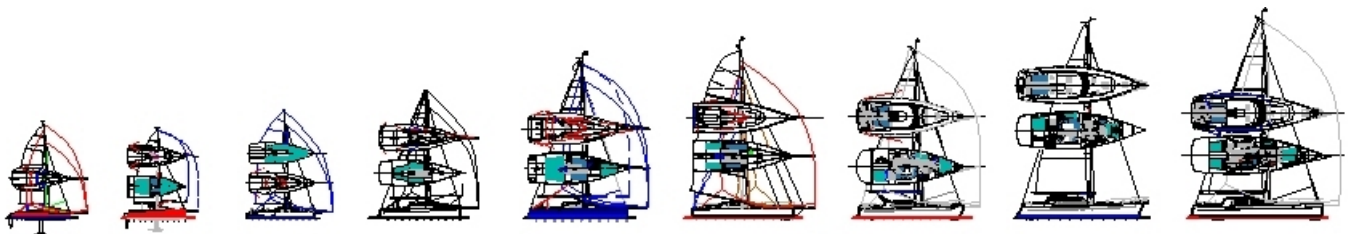
Web: [www.dibleymarine.com](http://www.dibleymarine.com)

## ON THE DRAWING BOARD



### SQUADRON 58 HARDTOP PROJECT:

Our Design Studio has seen a growing number of refit and re-design projects come through as of late. Some Owners are quite happy with the yachts and launches they already have from other designers, but want to improve certain areas to enhance and improve their boating lifestyles. Though Dibley Marine's core business is in the creation of Dibley designs, we do enjoy the challenge of working with other designers creations. Some of the projects we get involved in are Appendage Re-designs; Interior Layout Alterations; and in the case above, Hardtop and Exterior Re-designing. The Squadron 58 is a production launch built in England that doesn't cater for hardtops. We were approached by Johnson Yachts International, a NZ based boatbuilding company, who had a NZ client with one of these production launches. The suns rays in NZ can be quite extreme and so hardtops are far more popular here than in the northern hemisphere. The challenge for us was to ensure that this new hardtop didn't take away the initial 'aesthetics', and hopefully even enhanced the original look. Building has commenced and we will update on progress in the next newsletter.





*We are on the web!!!  
www.dibleymarine.com*

**Sailing Links and News**

- Sailing Anarchy  
www.sailinganarchy.com
- Crew.org.nz— NZ Yacht forum  
www.crew.org.nz
- 2-Illustrate  
www.2illustrate.com
- Yachting New Zealand  
www.yachtingnz.org.nz
- Westlawn Institute of Marine Technology  
www.westlawn.edu
- Super Yachts Unlimited  
www.superyachtunlimited.co.nz
- Yacht Yakka  
www.yachtyakka.co.nz



*Anchored off Scott's Landing, Hauraki Gulf, 2009*

**FROM THE DESIGN OFFICE:** 'We've had great feedback on previous newsletters, and will continue to keep you updated on what is happening in our design office as well as the peripheral office on the water. If you would like to see particular articles or news features in future editions, let us know. Also, the more information coming in, the more we can get out'. Happy Boating. Kevin Dibley



*Pendragon-VI Sea trialing with Auckland City in the background.*

**PENDRAGON VI—LAUNCHED**

Pendragon VI, the Davidson 69 that Dibley Marine worked alongside Laurie Davidson on, had her first set of sea trials earlier in June with further sea trials planned over the next couple of months. A core group of the Pendragon Sailing Team came down to New Zealand, from Canada and the USA, to put her through the paces and the performance numbers to date have exceeded expectations.

Dibley Marine used a number of design tools for this project including Maxsurf, which is a powerful three dimensional surface modelling program; and WinDesign, a yacht performance prediction program (VPP) which allows us to evaluate and analyze a yachts performance while still in the design stages. A more detailed review of the sea trials

will be shown in our next newsletter.

*Images by Clive Bennett - combatm@ihug.co.nz*



*Pendragon-VI Sea trialing , Auckland, NZ*



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