

## **HUMPHREYS YACHT DESIGN BECOMES FIRST ADOPTER OF NEXT GENERATION DESIGN SOFTWARE**

*(July 2006)* Humphreys Yacht Design has announced that it has selected the powerful new CATIA (Computer Aided Three dimensional Interactive Application) commercial software suite from Dassault Systems to further its advance its design capability. HYD has also agreed with the Dassault to lend its support to a program to showcase this next-generation software package to the international yacht design community.

CATIA is already widely viewed as the leading design software package in the automotive and aerospace industries, where it is valued for its capabilities in managing projects that are both highly complex and large in scale. Examples include the new Boeing 777 jetliner, and the next generation of BMW motorcars. However the latest version, CATIA V5 version 8, has been modified for use by naval architects, and HYD is spearheading its introduction into the UK.

"It's an interesting learning curve for us," admitted Rob Humphreys after one all-weekend training session, "but it's an immensely powerful tool that will aid both productivity and creativity, and bring new levels of flexibility to the entire design process."

The CATIA software offers the designer a whole range of improvements over the packages currently in use across the naval architectural community, but particular advantages that the Humphreys team has already identified includes CATIA's ability to allow modifications within one part of a structure and see the other variables within that structure automatically adjust to that change. In addition, where a structure or component has multiple uses throughout a design, a modification to just one can be instantly replicated throughout its counterparts elsewhere. "When it comes to translating physical sketches into CAD format it also has the ability to create surfaces very quickly," commented another member of the team. "A major benefit when it comes to exploring options for clients at the conceptual stage."

The package will also enable HYD to provide its shipyards with highly precise specifications, a spin-off of CATIA's origins in the automotive / aerospace industries, enabling more accurate tooling and with direct implications for enhanced build quality.

"It's going to make a big difference to what we can do for our clients, and we're very excited about being at the forefront of this advance in naval architecture," concluded Rob Humphreys.

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**Notes to Editors;**

Humphreys Yacht Design is a leading naval architecture practice with an established track record in large sailing, motor and racing yachts. With over thirty years experience in the field, Humphreys Yacht Design has developed long-term relationships with many private and corporate clients to create distinctive performance yachts with global capabilities that combine the most modern design and construction techniques with a traditional eye for detail and craftsmanship.

With an unrivalled track record in designing high-performance sailing yachts, Humphreys Yacht Design has in recent years also applied this knowledge and technical expertise to the creation of fast motor yachts and the production of innovative yet practical concepts for owners and yards around the world.  
[www.humphreysdesign.com](http://www.humphreysdesign.com)

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