About One2three Naval Architects

One2three are an Australian independent design house that specializes in custom vessel designs in many operational sectors. A broad spectrum of designs, ranging from 5 metre monohull pleasure boats, 35 metre catamaran passenger ferries and up to 80m trimaran motor yachts, require One2three to maintain high levels of accuracy and efficiency. Those qualities coupled with vast experience, ensure builders and owners feel vindicated with their selection of designer.

Sample Projects

- 5.5m HDPE Pleasure boat
- 6x 13m America’s Cup VIP spectator vessels
- 14m Dive Support Barge
- 27m Trimaran Sports Cruiser
- 5x 400 Passenger 35m Catamarans

One2three has been a user of ShipConstructor since 2005 and have utilized the program’s enhanced functionality and usability throughout the software’s development. This can be witnessed through the increasing number of deliverable components and drawings as shipyards move more tasks from the shop floor to the design office.
To help reduce the time taken to supply construction drawings, One2three have utilized SSI MarineDrafting. After testing on a small pleasure boat, the benefits of MarineDrafting were quickly introduced into larger projects with an immediate impact. Increased productivity, easier application of drafting standards and reduced in house training time have all justified the choice in MarineDrafting. A typical construction drawing will now take approximately 60% of the time to produce in comparison to older methods. Internal checking time has also been reduced by about half largely through database assisted labelling. The use of MarineDrafting has also resulted in quicker drawing revisions, easier introduction of structure components into 2D drawings as well as simpler supply of information to third parties.

Quotes:

“Since the introduction of MarineDrafting, we have witnessed a reduction in the time it takes to produce a drawing of 30-40% in comparison to older techniques. It has enabled us to increase both productivity and accuracy in a significant manner. All of our future projects will utilize MarineDrafting.”

› Stephen Quigley  
Managing Director

“MarineDrafting has had a significant impact on the way we create production information. Maintaining drawing standards has become easier and our drawings are produced with more accuracy from the first draft.”

› Neil Quinn  
Chief Draftsman