



## ShipConstructor expands into Brazil



Brazil's Estaleiro Atlântico Sul (EAS), currently building the largest shipyard in the southern hemisphere, has chosen ShipConstructor 2008 software to design and construct the company's first order of 10 Suezmax tankers as well as the construction of the Hull for a P-

55 semi-submersible production platform, representing a total order value of US\$1.6 billion in Transpetro/Petrobras contracts.

"ShipConstructor Software Inc. is pleased and honored to contribute its technology, expertise and ongoing client support to Brazil's success in the international shipbuilding industry," said Rolf G. Oetter, President and CEO, ShipConstructor Software Inc.

ShipConstructor 2008 was recommended as the software of choice by Sincronia, a Brazilian IT consultancy and system integrator for the offshore and shipbuilding sectors. Contracted by EAS, Sincronia conducted extensive technical reviews of leading software solutions in order to find the most compatible system to meet EAS's requirement for cutting-edge technology. "ShipConstructor was our clear first choice: the software's competitive advantages include its extensive, highly flexible and, easy-to-learn-and-use program, unparalleled customer support and competitive pricing," said Bruno França, Managing Director, Sincronia.

"ShipConstructor 2008 will allow us to quickly train our staff and set up a fully operational 3D CAD/CAM concurrent engineering environment, a fundamental need for our demanding project and production schedules", said Reiqui Abe, EAS Industrial



A Suezmax tanker in port

## ShipConstructor lets you cover the world

BMT Fleet Technology Limited has bought Software's new Project Split & Merge (PS&M) module to enable concurrent design for a new project. With PS&M, the BMT project manager sends a single, complete work-package file at the click of a keyboard stroke to project participants at any of their four corporate offices across Canada or to their contractor in Serbia. With everything they need contained in their respective 'split' files, project participants do their work independently and send the finished work or regular project updates back to the project manager, again as a single work-package file, with one keyboard click.

"Until now, parts of a project could not be developed at multiple sites in a completely secure IT environment and then quickly, seamlessly and accurately be reintegrated into the single project as a whole," said David Stocks, Vice-President, BMT Fleet Technology. "With Project Split & Merge, we are able to share high workloads with other BMT branches as well as pass on our design model to yards for final detailing and production."

PS&M is an innovative ShipConstructor feature that makes it easy to separate out portions of a project while continually maintaining a single, cohesive 3D product model.

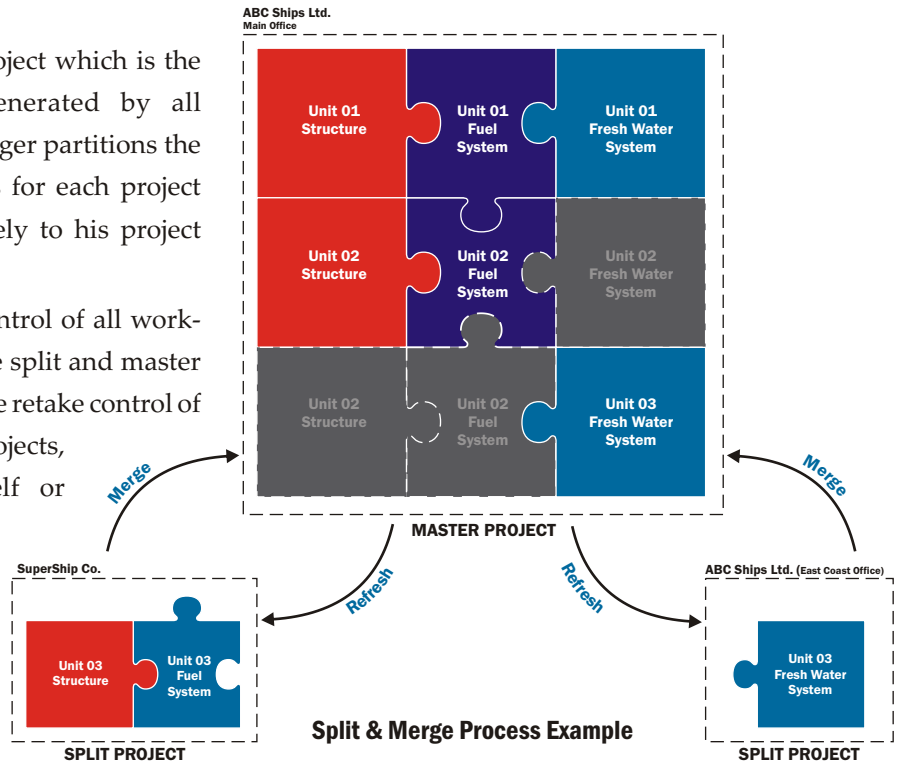
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The project manager controls the master project which is the final repository for all project data generated by all participants. Using PS&M, the project manager partitions the project, generates single work-package files for each project participant and sends them fast and securely to his project workers.

The project manager maintains complete control of all work-package files and all access rights to both the split and master projects. The project manager can at any time retake control of split portions currently assigned to split projects, keeping those responsibilities for himself or recreating more splits to give to someone else. Even in mid-project, a lead company can subcontract part of the work and still remain in full control should their own resources be insufficient.

ShipConstructor's Project Split & Merge runs as an integrated part of

ShipConstructor 2008 and will therefore operate in the same operating environment, which includes Microsoft Windows 2000, Microsoft Windows XP, Microsoft Windows Server 2003, AutoCAD 2007/2008, Microsoft SQL Server 2000 and 2005.



## Customer questions: Project Split & Merge

### 1. How easy is PS&M to use?

Very easy. All the information a project manager needs is contained in single work packages which are sent and received back from project workers by pressing one computer keyboard key. Working with PS&M doesn't require any in-depth SQL Server or Windows Server knowledge to administer on a regular basis.

### 2. How robust is PS&M?

The ShipConstructor quality assurance process is rigorous, extensive and ongoing. PS&M has undergone significant checks and balances and is continually being monitored and tweaked over time.

### 3. What modules can I use PS&M with?

All of them. Because PS&M is a fully integrated function of ShipConstructor software, it can be used with any module at any time in the process.

### 4. What kind of technical support is available from SSI for the PS&M module?

All current Upgrades, Maintenance, and Support (UM&S) customers will receive full support on the PS&M module.

### 5. How many times can I split a ShipConstructor project?

Many times, depending on the number of Structural Units and Pipe/HVAC systems the project contains.

Contact [sales@shipconstructor.com](mailto:sales@shipconstructor.com)  
for more information on PS&M

## Did you know?

ShipConstructor software is currently being used to design and production plan more than \$US 30 billion worth of new-builds around the world.

## In The News

### U.S. Joint High Speed Vessel Program

ShipConstructor users Austal, Incat Tasmania Pty Ltd. and General Dynamics Bath Iron Works are among the down-selected finalists awarded a six-month, \$US3 million preliminary design contract for the U.S. Department of Defense's Joint High Speed Vessel (JHSV) program. Following the preliminary design phase, a detailed design and construction contract will be awarded to construct the first ship and options for a further seven ships set to be awarded between US FY09 and FY12. The JHSV will reach speeds of 35-45 knots and undertake the rapid transit and deployment of army and marine corps company-sized units with their vehicles or reconfigure to become a troop transport for an infantry battalion. The JHSV will include a flight deck for helicopter operations and an off-load ramp that will allow vehicles to drive off the ship.



Littoral Combat Ship USS Freedom is one of the many US Navy vessels produced with ShipConstructor

Photo courtesy United States Navy

### SCHIFFKO chooses ShipConstructor

International naval engineering firm SCHIFFKO will utilize ShipConstructor Software 2008's complete suite to provide the most advanced 3D design, product modeling and production planning for any type of ship anywhere in the world.

"As an internationally working service company in the ship design segment, we have to apply the tools that our clients use", said Albrecht Delius, naval architect and managing director, SCHIFFKO. ShipConstructor is widely used throughout Europe, Asia, Australia and North America, and is also fast becoming the leading software in India, the Middle East and South America.

SCHIFFKO is an international consultancy and ship design corporation whose services include conceptual, basic and complete design as well as planning and projected management partial design, calculation and production information work to assist shipyards to cover excess workloads.

### Korean pipe-layer project picks up speed

Korean shipbuilding design firm A-System Co. Ltd. has purchased ShipConstructor Software Inc.'s newest generation design software program, "ShipConstructor 2008", to provide 3D product modeling and production planning to the world's leading shipbuilding nations.

A-System will immediately put ShipConstructor 2008 to work as the company begins modeling and detailing a new 290-meter pipe laying vessel for Yantai Raffles Shipyard Limited, under contract from Saipem. The high-technology, ice-strengthened, subsea construction vessel lays pipelines and supports developments in deep waters.

"We're very excited to be using world-class ShipConstructor to design this large, complex vessel," said S.G. Kim, President, A-System Co. Ltd. "ShipConstructor is the most dependable, powerful, intuitive and easy-to-use ship design software on the market today, and we are confident that it will help us to deliver the very best results for our client on time and on budget."

### News from ShipConstructor USA



Congratulations to Patrick Roberts on his promotion from Program Manager to Director of Operations at ShipConstructor Software USA. Pat is an industrial engineer with extensive experience in ship design project management as well as business and production process improvement. Pat's promotion is part of a corporate restructuring following ShipConstructor Software Canada's purchase of the U.S. office in February, 2008.

## Building jack-up oil rigs in the Gulf

Maritime Industrial Services (MIS) Engineering uses ShipConstructor for the modeling, detailing and construction engineering of 16 new-build jack-up rigs. The capability to directly provide CNC information to the automatic cutting machines will drastically reduce plate nesting and component prefabrication time which will in turn improve efficiency.



## Online training and information centre

See the wide range of self-paced learning materials that help you prepare for new projects and advanced live training sessions. Our introductory tutorials, quizzes and practice case studies cover all the basics, including:

- Key concepts
- Administrator
- Structure
- Nesting
- NC-Pyros
- Piping
- HVAC
- Equipment
- Hull design

Start now by viewing our introductory videos at  
<http://training.ShipConstructor.com/>

## Congratulations to our friends in China!

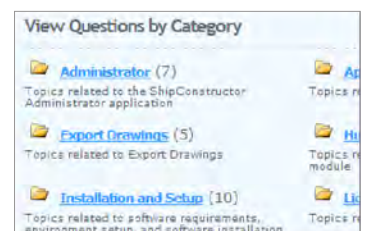
MSC TAMARA, the first of three 4250-TEU container ships built at Zhejiang Shipyard, was launched in September 2007. The multi-purpose 50,000 DWT TAMARA was detail designed in ShipConstructor. She has an overall length of 265m and a service speed of 24.5 knots.



## ShipConstructor knowledge base

SSI has established a comprehensive knowledge base customer support website to proactively address a wide range of user needs.

Users can utilize SSI's online support system either by applying key words to search the entire knowledge database for a specific solution or by subscribing to automatic updates related to any of the 25 subject categories.



To browse our online customer support program, please visit  
<http://www.ShipConstructor.com/kb/>