

Latest News - ShipConstructor for US Navy Projects

Latest official press release coming from the USA announced naval projects in which ShipConstructor is applied across many shipyards in some of the famous names in defence contractors. This follows similar success of projects at Northrop Grumman Ship Systems (NGSS) in building the National Security Cutter. More details from our website: <http://www.ShipConstructor.com/cl414.html>

Washington, DC, December 15, 2004 – The U.S. Navy today awarded a Lockheed Martin-led team \$188.2 million to commence detail design and construction of the first Littoral Combat Ship (LCS), a revolutionary new class of naval combatant designed to dominate the world's coastal waters. The option was exercised under the LCS final system design contract, awarded to the Lockheed Martin [NYSE: LMT] team in May 2004.

The Lockheed Martin team will begin construction of the lead ship at Marinette Marine in Marinette, WI, in the first quarter of 2005 and deliver it to the U.S. Navy in late 2006. The team is using common tools and proven processes to ensure a seamless transition from design to construction for on-time and on-budget delivery.

“We are honored to partner with the U.S. Navy to build the lead LCS and provide the first ever ship in this transformational new class of surface combatants,” said Carol Hulgus, vice president and general manager of Lockheed Martin Maritime Systems & Sensors' Littoral Ships & Systems line of business. “Our exceptional design for a flexible, maneuverable and high-performance ship is combined with our team's proven experience in delivering ships on schedule and cost.”

The Lockheed Martin team design, a proven semi-planing steel monohull, provides outstanding agility and high-speed maneuverability with known seakeeping characteristics to support launch and recovery operations, mission execution and optimum crew comfort. The Lockheed Martin-led team includes naval architect Gibbs & Cox and ship builders Marinette Marine, a subsidiary of The Manitowoc Company, Inc., [NYSE: MTW], and Bollinger Shipyards and best-of-industry domestic and international teammates to provide a low-risk, affordable LCS solution.

LCS provides the Navy with fast, maneuverable, shallow-draft ships aimed at maximizing mission flexibility. Ensuring littoral battlespace access and dominance, the ship's first missions will include mine warfare, anti-submarine warfare and surface warfare. LCS will also be a FORCEnet enabler, sharing tactical information with other naval ships, submarines, aircraft, joint units and LCS groups.

Headquartered in Bethesda, MD, Lockheed Martin employs about 130,000 people worldwide and is principally engaged in the research, design, development, manufacture and integration of advanced technology systems, products and services.



ShipConstructor is applied by designers and shipyards in one of the most complex shipbuilding contracts

新年快乐，生意兴隆，万事如意
Wishing All of You a Prosperous New Year

During Chinese New Year, 9-10 February 2005, kindly note that most East Asian offices will slow down over the week and China offices will be shut for the whole week. However, *ShipConstructor* teams in Canada and Singapore will be available over the phone or e-mail normally to support any shipyard requirements.

Come to meet Maxsurf & ShipConstructor support staff at Trade Shows

During 2005, *Maxsurf* and *ShipConstructor* teams will take part in the following Trade shows in Asia:

Asian Shipping & WorkBoat (www.baird.com.au)

March 1-3, 2005. Suntec City, Singapore

Maxsurf and *ShipConstructor* will be at Stand#11 & #12 respectively. ARL Asia will have a seminar with buffet lunch for guests at 12noon to 1pm. The talk by Dr. Oskar Lee will be on "Maxsurf and *ShipConstructor* Projects in Asia"

Boat Show China 2005 (<http://www.cmpsinoexpo.com/index.asp>)

April 8-11, 2005. Shanghai Exhibition Centre, China

Maxsurf and *ShipConstructor* will be at Stand#B23 & B24 hosted by ARL Asia and local reseller FMT.

INMEX China (www.inmexchina.com)

May 11-13, 2005. Guangzhou City Exhibition Centre, Guangzhou, China

Subject to confirmation. ARL Asia is invited to have a seminar.

ICCAS 2005 Korea (<http://www.iccas-conferences.com/>)

August 23-26, 2005. BEXCO, Busan, Korea

ARL Asia will have a technical paper at the International Conference on Computer Applications in Shipbuilding (ICCAS). Dr. Oskar's paper is on "Benefits of Open Database in CAD/CAM/CIM/PLM".

Kormarine2005 (<http://www.kormarine.net/eng/index.asp>)

November 05-08, 2005. BEXCO, Busan, Korea

ARL will team up with Korean reseller eHYS Inc. and Autodesk Korea & APAC for this show, details later.

Marintec2005 (<http://www.marintecchina.com>)

December 6-9, 2005. Pudong New Exhibition Centre, Shanghai China

Maxsurf and *ShipConstructor* booths will be hosted by ARL Asia and local reseller FMT, details later.

About Albacore Research Ltd. and ShipConstructor (www.shipconstructor.com)

ARL has grown steadily since it pioneered PC-based shipbuilding software development in 1990. *ShipConstructor* is the most popular and innovative software suite created by ARL to assist builders to create a detailed product model at a fraction of conventional cost. Over 100 shipyards and naval architects worldwide use *ShipConstructor* to produce vessel from 20m tugs to 200m rig weighing 12,900 tons. *ShipConstructor* runs in MS-Windows with AutoCAD and is supported by MS-SQL.

About ARL Asia Pte Ltd (www.shipconstructor.com.sg)

ARL Asia has been set up to provide better CAD/CAM system integrator in Asia Pacific region for all ShipConstructor clients and also co-ordinate sales and technical support with Autodesk APAC. ARL Asia is also reseller for all FDS product including Maxsurf, Hydromax, Hullspeed, Multiframe, Workshop.

About Peripheral Solutions (S) Pte Ltd (www.post1.com/~oskarlee)

PSL has been an IT equipment and software distributor involve in CAD/CAM integration in Asia Pacific since 1986. Many regional shipyards have ShipConstructor supported by PSL since 1995.

About Flash Marine Trading Pte Ltd (www.flashmarine.com)

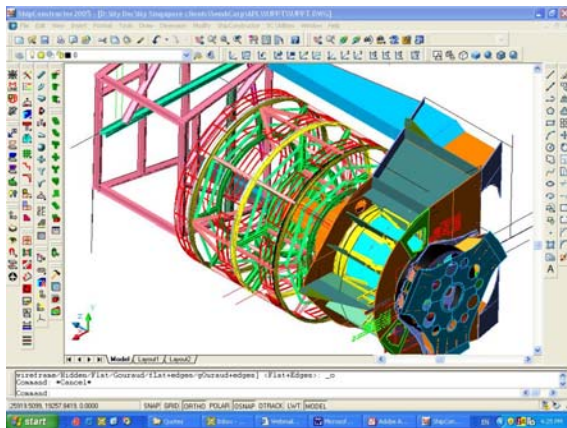
FMT has been a marine system distributor in China for many years and specializes in high added value systems for high speed marine vessels, including software systems to design these crafts.

About eHYS Inc (www.ehys.co.kr)

eHYS has been a very successful AutoCAD and software distributor in Korea and is actively involved in the supply and integration of CAD/CAM systems in major shipyards and other industries in Korea.

About Aries Marine & Engg Services (www.ariesmarine.co.ae)

ARIES is our new ShipConstructor business partner with extensive marine industries design, survey and consultancy services experience and will provide ShipConstructor sales and support services covering a wide geographical region of Africa, India, and the Middle East.



Stop Press – 3D design & CNC at Sembawang

ARL Asia has implemented ShipConstructor systems at the Sembawang Shipyard in Singapore for a fast-track pilot project to design and build the complex turret section of FPSO. Staff were trained to use ShipConstructor in less than one week and a full 3D design was made by local staff without further external help. The complete turret was automatically CNC processed using data directly from the 3D model. ShipConstructor system is unique in that 3D models are built from the same AutoCAD DWG-format drawings which can be directly used in producing shop drawings, nesting and CNC codes without further re-draw.

Stop Press – China Training Centre on line

ShipConstructor systems are used for designs of tankers and container vessels at the Shanghai Design Associates (SDA) for both ship design services and end-user training. SDA is a Sino-French company with four shipyards in China: ZheJiang ShipBuilding Co Ltd, Dadong ShipBuilding Co Ltd, DaYang City ShipBuilding Co Ltd and DaYang River ShipBuilding Co Ltd. SDA, with a design centre of some 100 staff in Shanghai, will initially train users in their own shipyards and will widen their services to train ShipConstructor users in other parts of China and the region after gaining sufficient design and production experience with ShipConstructor systems.

