



The International Contract Engineering (ICE) Group is one of Europe's largest independent ship design and marine engineering consultancies, with an annual capacity of more than ½ million professional engineering man-hours. Headquartered in the Isle of Man, the Group has been in business more than 40 years. It offers a full range of high caliber, cost-effective engineering and design services, either in its own design offices in Romania or at clients' sites.

The ICE Group is today engaged with projects for the offshore oil & gas industry and with design of commercial, naval and coast guard ships. ICE undertakes the full design scope from conceptual design through class drawings, detail design and production information and also advises clients on build strategy, project management, shipyard layout and productivity.

The Group's experience includes design for new construction and conversion of a wide range of vessels including tankers, bulk carriers, passenger cruise vessels, ro-ro ferries, naval patrol vessels, frigates, corvettes, jack-up drilling rigs, LNG and LPG gas carriers, semi-submersible drilling rigs, offshore service vessels, FSOs, FPSOs, research vessels and fixed offshore production platforms.

Clients include leading shipyards, ship owners and offshore industry contractors throughout Europe as well as in Brazil, Canada, China, India, the Middle East, Singapore and the US.

Lamprell Awards ICE Another Contract

ICE has won an important new contract for design of an innovative self-elevating and self-propelled vessel for installing offshore wind turbines.

The contract was awarded by Lamprell Energy Limited, an Isle of Man based company with operations in the United Arab Emirates. Lamprell has a contract for construction of this vessel from UK's wind turbine installation specialist Seajacks.

To be named 'Seajacks Hydra', the vessel will be constructed at Lamprell's Hamriyah facility in the United Arab Emirates and will be delivered in 2014.

The vessel is a modified version of the Gusto MSC NG 2500X design, which incorporates dynamic positioning, high speed jacking systems, a 400Te crane and a propulsion system that is designed to allow the vessel to sail at a speed of 8 knots. The unit includes accommodation for 100 personnel and has payload capacity of 1400Te.

ICE's involvement in the project will be enhancing the basic Gusto MSC design, developing an AVEVA Marine 12.1 3-D model, undertaking all the detail design, and generating the production info. This is the third time Lamprell selects ICE for design of such a vessel; ICE has earlier also assisted Lamprell on various drilling rig design work.



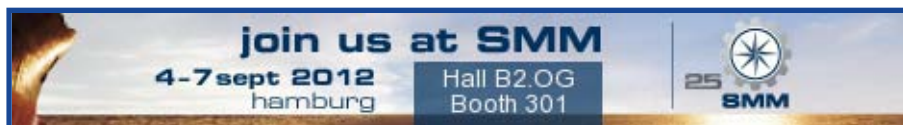
An engineering kick-off meeting was recently arranged in Amsterdam to ensure that all the engineering parties understand their responsibilities and related interfaces. ICE was represented at the meeting by: Robert Swan, President & COO, Nicu Crapenco, Business Development Director, Sorin Brazdis, Senior Consultant, Petrica Necula, Project Chief Engineer, and Dana Filotti, Contracts Manager.

Meet ICE at SMM in Hamburg

International Contract Engineering (ICE) will again be exhibiting at SMM 2012 – the 25th international shipbuilding exhibition held at the Hamburg Fair site from 4 to 7 September 2012.

Some 2,000 exhibitors from over 60 countries are expected at this shipbuilding, machinery & marine technology international trade fair, presenting the latest developments in all areas of the maritime industry.

We look forward to seeing clients and friends at our stand no. 301, hall B2.0G Upper Floor – inside the Romanian Pavilion.



Another Offshore Wind Farm Platform Job

ICE has again been contracted by Nordic Yards of Wismar, Germany to assist with Tribon 3D model development for a new transformer platform that the yard is developing for Siemens for an offshore wind turbine "farm". Nordic Yards has been successful in winning repeat contracts for construction of such platforms; the offshore wind energy development is a growth market with Siemens as one of the major players.



Offshore Wind Platforms. Image courtesy of Nordic Yards Wismar GmbH.

The new design is for the SylWin Alpha platform; in 2011 ICE provided design assistance to Nordic Yards for two similar platforms (Borwin Beta and HelWin Alpha).

This contract adds Nordic Yards to ICE's list of repeat clients. It also adds to ICE's references in the offshore wind energy field, which also includes design of advanced wind turbine installation vessels as well as of wind turbine towers.

ICE increasing its staff



Pictured here is Emilia Constantinescu, ICE HR Manager.

In spite of the generally depressed conditions in the world-wide shipbuilding industry, ICE is hiring additional engineers and naval architects to meet the demands of current and upcoming contracts.

Alina Florea, MD of Icepronav Engineering, says:

"ICE's sustained marketing efforts and re-orientation of its business focus during the last several years are now starting to pay off and we see an upswing in our offshore energy related business. ICE has proven that it can successfully complete complex contracts for demanding customers in the oil, gas and renewable energy business and that is now leading to new multi-year contracts. I am taking this opportunity to welcome the 22 new employees who joined ICE this summer; we need many more to join them".

ICE is now looking for experienced engineers for its design office in Galati, Romania, in particular Design Engineers with 3 to 7 years of marine design experience for our Electrical & Automation, Piping & Outfitting Departments. ICE offers interesting work at competitive conditions for international clients.

CVs and application letters are welcome via email, to humanresources@icepronav.ro. Further information can be found on www.icedesign.info.

From Our Project Portfolio

Train Ferry to DP Floating Production Unit (FPU) Conversion

Scope of Work: Basic and detail design for steel structure, outfitting, piping, DP system and associated yard technical support;

Year: 2008;

Client/Shipyard: Viktor Lenac, Croatia

Owner: Helix Energy Solutions Group Inc., USA



Image courtesy of Helix Energy Solutions Group.