NEWSLETTER

APRIL 2022

ICE MARINE DESIGN

ICE Providing World-class Simulation Service

State-of-the-art simulation technology using powerful computer software has for many years been part of the service offered by **ICE** to solve challenging problems related to ship design.

So far this year, **ICE** has performed a simulation analysis contract for a Qatari client to model, numerically simulate and analyse the dispersion of the hazardous gas on a floating storage and offloading ("FSO") vessel, to ensure safe operation during tank venting and purging. Another ongoing project is simulation of insulation efficiency for an Asian customer in connection with an LNG tanker project.

Earlier, **ICE** simulated gas dispersion as part of a fast-track project for conversion of a shuttle tanker into an FSO vessel (pictured) for Teekay Shipping Norway AS (now Altera Infrastructure). That project also included naval architecture, structural analyses, piping design, electrical design, procurement assistance and various safety studies.

ICE Chairman Meeting the Norwegian Ambassador

Steinar Draegebo, **ICE** Group's Chairman and Chief Executive, took advantage of his recent visit to Romania to meet HE Siri Barry, the Norwegian Ambassador and brief her about **ICE** and the Group's long-standing relationship with Norwegian customers.

In addition to Romania, the Ambassador is also accredited vis-a-vis Bulgaria and Moldova. Like other diplomatic posts in countries bordering the Ukraine, the Embassy is very busy dealing with the flow of refugees transiting through Romania and frequently have staff visiting Galati – a strategic border town – for that purpose.

Mr Draegebo offered to assist the Embassy logistically by providing space for local refugee processing facilities within **ICE**'s Galati office.

Rauma Marine Constructions Visiting ICE

Last month, **ICE** hoisted the Finnish flag to welcome Mr Jyrki Heinimaa, President & CEO and Mr Mika Laurilehto, Chief Sales Officer from Rauma Marine Constructions Oy (RMC), Finland. They discussed upcoming projects, were briefed on **ICE**'s resources and capabilities, and toured the design offices. The two visitors showed particular interest in **ICE**'s project management system.

RMC is a Finnish-owned shipyard, known for its extensive use of subcontractors. Its current orderbook consists of Ro-Ro ferries and naval vessels.

*Pictured here are the RMC visitors flanked by Cristian Antache, Project Manager/ Proposal Coordinator, **ICE** (on the left), and Petrica Necula, Director of Engineering, **ICE** and Sorin Brazdis, Managing Director of **ICEPRONAV Engineering** (on the right).*

ICE Strengthens its Group Financial Function

ICE has engaged Mike Hennessy as Financial Advisor, based at the Group's head office in Douglas, Isle of Man.

Mike has a wealth of senior financial experience gained from a career in international banking, spanning more than 25 years. He has also served as Chief Executive of the Isle of Man Chamber of Commerce. In 2011, he was awarded the accolade 'Isle of Man Business Person of the Year' in recognition of his contribution to Chamber.

FROM OUR PROJECT PORTFOLIO: OFFSHORE PATROL VESSEL (OPV) 90M AMAZONAS-CLASS

Scope of Work:

Basic Design updates;

Detail Design for Hull and Outfitting for complete ship, including on-site technical assistance

Client: VT Shipbuilding , UK

Main contractor at time of commissioning: BVT Surface Fleet Ltd.

Year: 2007 -09

Owner: Brazilian Navy

Image Courtesy: Marinha do Brasil

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ENGINEERING CERTAINTY

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With a 55-year track record and an annual output having exceeded 700,000 professional engineering man-hours, the International Contract Engineering (ICE) Group is one of Europe's largest independent ship design consultancies. We provide high-calibre multi-discipline design services to yards and owners in the commercial shipping, defence and offshore energy industries, ranging from conceptual studies and Class drawings to detail design and production information. We cover a full range of naval architecture and marine engineering disciplines such as hydrodynamics, structural, mechanical, piping, electrical, instrumentation, outfit and HVAC. Our experience includes gas carriers, passenger vessels, navy and coast guard ships, chemical tankers, drill ships, FSO/FPSOs and a range of other vessels. We also have available proprietary designs that can be adapted to clients' requirements.

With our head office in the Isle of Man and engineering facilities in Romania and Croatia, we provide high quality design and engineering at very competitive prices.