

NEWSLETTER



ICE in 3-year EU Research Programme

ICE has accepted an invitation from MARIN (Maritime Research Institute) in the Netherlands to be a partner in a European funded project Space@Sea funded by EU's Horizon 2020 research programme.

The 3-year project is scheduled to start in November 2017. Its focus is conceptual design of very large floating islands to be used for developing and storing sustainable energy, transshipping of cargos, cultivating food or creating areas for living and recreation. ICE's involvement would be in design of the floaters and connecting systems, mechanical coupling and dampers, and expertise related to interaction of modular components.



Pictured here at the demonstration event that took place at MARIN's main facilities in Wageningen in mid-July, are (from the left): Dragos Totolici, ICE Principal Engineer, Maarten Flikkema, Senior Project Manager of Marin Research & Development and Space@Sea Project Coordinator and Erik-Jan de Ridder, Senior Project Manager of Marin Offshore.

Dual-fuel Technology Update



Mihai Samoila, Principal Engineer - Machinery & Piping recently participated in the WinGD X-DF Engine Demonstration organised by Winterthur Gas & Diesel at the Wärtsilä testing facility in Trieste, Italy. The event consisted of a presentation of the X-DF Technology and a test engine demonstration in which various operating conditions were simulated: operation on diesel oil mode, operation on gas mode and switching between the two modes at different loading values. ICE participates in such events to make sure it stays up-to-date on dual fuel engine technology, which is in increasing demand as owners look to ways to respond to the newest IMO emission regulations.

Student Internship at ICE

ICEPRONAV Engineering recently hosted its traditional summer programme for students from the Faculty of Naval Architecture at the Dunarea de Jos University in Galati, Romania.

The 17 participants had the opportunity to learn practical aspects of their future profession by working in a modern office environment with the most up-to-date design and engineering software for their field, under the guidance of ICE professionals. The programme took them through every aspect of a fully operational multi-discipline ship design office: starting with the technical aspects all the way through to the project and quality management systems.

Pictured here are the students participating in the internship programme with their ICE instructors.



Safe Driving Makes a Good First Impression

ICE's main engineering office in Galati is located a 3-hour drive from the nearest international airport in Bucharest, the capital of Romania.

Safe and efficient transportation to and from the airport is an important part of our image so we are striving to ensure comfortable and

expeditious transit for our many international visitors, offering clean and secure cars, timely pick-up, polite English-speaking drivers, etc.

Lucian Cobzaru (pictured here) is ICE's main driver and will be a familiar face for most of ICE's visitors. He has many years' driving experience

and has successfully completed an accredited defensive driving course. He receives many compliments for not only providing a safe and comfortable transit but also for his conversational skills that makes the trip feel shorter than it is.



FROM OUR PROJECT PORTFOLIO: OCEAN PATROL VESSEL (OPV) 99M ROYAL NAVY OF OMAN (RNO)

Scope of Work:

Detail Design for Hull and Outfitting, whole ship Tribon 3-D model, development of production information, on-site technical assistance.

Client: VT Shipbuilding, UK Main contractor at time of commissioning: BVT Surface Fleet Ltd., and BAE Systems, UK.

Year: 2007-09

Class: LR



ENGINEERING CERTAINTY

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With a 50-year track record and an annual capacity of 700,000 professional engineering man-hours, the International Contract Engineering (ICE) Group is Europe's largest independent ship design consultancy. 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 our main engineering facilities in Romania, we provide high quality design and engineering at very competitive prices.