

NEWSLETTER



Meet ICE at Sea Japan 2018

The ICE Group will for the third time be exhibiting at the biennial SeaJapan trade show in Tokyo. The exhibition will take place April 11 - 13 at the Tokyo Big Sight Exhibition Centre.

Japan's shipbuilding industry has a well-earned reputation for quality and on-schedule deliveries; in turn it poses high demands on quality and cost-effectiveness from its suppliers and subcontractors. Over the last several years ICE has successfully

provided design services to four leading Japanese shipyards as well as to other Japanese-owned companies.

At this year's exhibition, ICE will highlight its experience with gas ships. ICE's stand will show its design for an 84,000 cum LPG carrier that meets the 2016 IGC code requirements, a shallow-draft 20,000 cum vessel for distribution of LNG, and a 50,000 dwt product/chemical using LNG as fuel.

We look forward to seeing clients and other friends at our SeaJapan **stand no. G-09, East Hall 5.**



Braemar Executives Visiting ICE

Recently, ICE was visited by senior representatives of Braemar Technical Services, exploring areas of common interest.

The Braemar group is a leading international provider of knowledge and skill-based services to the shipping, marine, energy, offshore and insurance industries. It employs approximately 850 people in more than 70 locations worldwide across its Shipbroking, Technical, Logistics and Financial divisions.

The Braemar representatives: Andrew J. Bright, Managing Director – Europe, Middle East and Africa, Grant Smith, Group Managing Director, and Sheila McClain, Engineering Global Head are pictured here together with ICE management representatives.

Retrofit Laser Scanning

New regulations for ballast water and sulphuric content in exhaust gases from ships has created an increasing demand for installation of systems for ballast water treatment ("BWT") and exhaust gas cleaning ("scrubbers").

Using its extensive ship design experience, ICE offer assistance to shipowners to select suitable systems, undertake onboard surveys, design the new system, interface with Class, and supervise installation. Being an independent company, ICE's

advice is unbiased, and its service can be provided world-wide.

To minimise retrofit costs, it is essential to have an accurate picture of the existing onboard arrangement. To achieve that, ICE has acquired portable laser scanning equipment and software to convert the scanner-produced "point cloud" into a 3-D model as basis for the new installation. ICE also offer laser scanning as a stand-alone service.

ICE would welcome inquiries for its retrofit design services.



The picture shows Vasile Rata from ICE with his portable scanner onboard a container vessel.

ICE Attending 'The Floating Future' Seminar

In March, ICE's representatives Coen Landa, Business Development Director and Gheorghe Iorga, Senior Engineer, attended a seminar in Wageningen, the Netherlands focused on Food, Energy, Logistics &

Living on Floating Mega Islands. The event ended with a visit to the MARIN offshore tank to witness tests of an irregularly shaped model (picture) in the "hundred-year" wave (significant wave height of 15.6 m).

ICE is a partner in the European project Space@Sea funded by EU's Horizon 2020 research programme.



Image Courtesy: MARIN

FROM OUR PROJECT PORTFOLIO: MID-SHORE PATROL VESSEL (MSPV)

Scope of Work:

Shipyards support during yard proposal phase; basic and detail design (all disciplines); as-build documentation; production information; technical support for procurement, and general trouble-shooting during construction and commissioning.

Client/Shipyard: Irving Shipbuilding Inc. (ISI)
Halifax, Nova Scotia, Canada

Owner: Canadian Coast Guard

Year: 2010 -13

Class: LR



Image Courtesy: Irving Shipbuilding Inc. (ISI)



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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.