

NEWSLETTER



ICE Wins New Retrofit Contract

We are happy to announce that ICE has won another contract for design of a ballast water treatment system (BWTS), this time for a very large crude carrier (VLCC). The contract was awarded by Aitken Marine International (AMI), a Dubai-based project management company with which ICE has a cooperation for laser scanning and retrofit design services.

The BWT equipment will be supplied by a leading international manufacturer. ICE's scope of work includes the complete engineering package including Class approval and development of a retrofit and installation plan.

Florin Flor, ICE's coordinator for retrofit services, says: "BWTS retrofit



design is unique for each type of vessel due to use of different makers, different capacities, etc. Backed by extensive experience in conversion and retrofitting work, ICE can quickly deliver a complete

engineering package for clients, worldwide. We have been supporting AMI since its start-up a couple of years ago and we are pleased to contribute to their success".

ICE in "Significant Ship" Design

We are pleased that the Royal Institution of Naval Architects has included the "Histria Atlas", built by Santierul Naval Constanta (SNC) in Romania, as one of its "Significant Ships" for 2019.

This is the first in a series EcoMax-class MR1 product tankers. The ship was designed for a maximum cargo intake while still being able to operate in ports with shallow draft limitations. She is RINA classed and has an overall length of 180 meters, a beam of 32.26 meters and a scantling draught of 11.20 meters, with ten (10) epoxy coated cargo tanks.

SNC is one of ICE's long-standing shipyard customers. ICE's scope of work on the "Histria Atlas" included the development of an AVEVA Marine 3-D model for the engine room, detail design drawings and development of production information.



The pictures show the ship and the ICE team at the naming of the ship.

Icebreaker Sea Trials Delayed by COVID-19

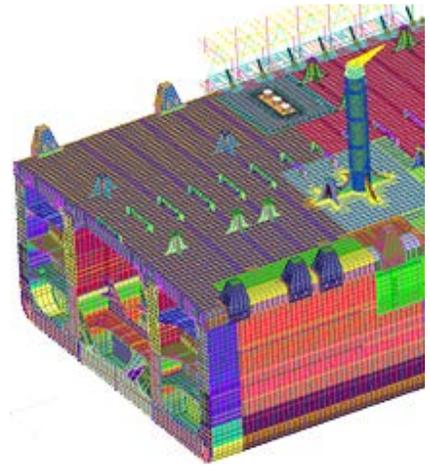
The Australian Antarctic Division (AAD) announced that sea trials of Australia's new icebreaking research and supply vessel (RSV) "Nuyina" have been delayed due to the coronavirus pandemic.

Construction of the ship commenced at Damen's Galați shipyard in Romania in May 2017 and the vessel was floated out in September 2018. Damen is building the 160-meter

long research vessel for Serco's subsidiary DMS Maritime, acting on behalf of the Australian Department of the Environment and Energy.

ICE is proud to be supporting Serco in this prestigious project by providing yard construction supervision and various other services.

Photo courtesy: Damen.



New Structural Analysis Contract

ICE has recently received an order from a leading Classification Society to assist with structural analysis services for an offshore production vessel project.

The job consists of technical assistance with Finite Element Modelling for generation of fine and fatigue grid details.



FROM OUR PROJECT PORTFOLIO: ROPAX FERRY

Scope of Work:

Detail design piping, outfitting, electrical.

On-site technical assistance.

Client: Warnow Design GmbH

Shipyard: Aker Yards Warnemünde and Wismar

Operator: Stena Line

Year: 2008



Image Courtesy: shipspotting.com



ENGINEERING CERTAINTY
International Contract Engineering Limited, 19-21 Circular Road, Douglas, Isle of Man, IM1 1AF British Isles
Tel: +44 (0)1624 623 190 | Fax: +44 (0)1624 628 297 | www.icedesign.info

With an almost 55-year track record and an annual capacity having exceeded 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 engineering facilities in Romania and Croatia, we provide high quality design and engineering at very competitive prices.