

JUNE 2022

# NEWSLETTER



## Zero-emission Service Operation Vessel (SOV)

ICE has developed a Service Operation Vessel design suitable for emission free operations and cost-effective maintenance of offshore wind farms. The concept uses a battery-powered propulsion system designed to be recharged using offshore charging stations.

ICE WS-90-SOV is designed to work on batteries only during in-field operations including for transit, DP, gangway operation and hotel consumptions. The design takes advantage of the latest battery and in-field buoy charging technology. The vessel will have high-quality single cabin accommodation, and offers generous storage, efficient logistics and safe access to wind turbines for technicians.

In addition to licensing the conceptual design, ICE can provide a complete Basic Design/Class Drawing package, as well as detail design and production information

for shipyards that may have inadequate in-house design capacity. The design can be adapted to specific Owner requirements.

A description of the new Work-Station Service Operation Vessel is available on [www.icedesign.info](http://www.icedesign.info) and more information can be had from [marketing@icedesign.info](mailto:marketing@icedesign.info).



ZERO-EMISSION  
WS-90-SOV

## ICE Exhibiting at Posidonia 2022

ICE will again be exhibiting at the upcoming Posidonia 2022 in Athens.

Mr Coen Landa, Business Development Director of ICE Marine Design said: "ICE will have three representatives at the trade show. We are looking forward to discussing ICE's designs for the commercial shipping, defence, and offshore energy

industries, as well as our competitive design services for retrofit of ballast water and scrubber systems. Our exhibits include our newest SOV design as well as the innovative

SKYTUG® [www.skytug.co.uk](http://www.skytug.co.uk) – a wind-powered transoceanic tug concept intended to allow owners to meet new GHG regulations with no investment in existing ships."

**We hope to see you at our stand no. 1149, part of the Romanian Pavilion in Exhibition Hall 1.**



## UK Clients Visiting ICE

ICE had the pleasure of a recent 2-day visit of a combined delegation from the Ferguson Marine (Port Glasgow) Limited (FMPG) shipyard and Caledonian Maritime Assets Ltd (CMAL).

Since 2020, ICE has been providing technical assistance to help FMPG correct and complete the design of two partially-built dual-fuel RoPax

ferries for CMAL. FMPG assumed responsibility for completing the ferries when it acquired the yard in December 2019, just before the start of the Coronavirus pandemic.

*The picture shows the visitors together with members of ICE's management team in front of ICE's main design office in Romania.*



## ICE Hosting Industry Meeting



ICEPRONAV Engineering hosted in May the quarterly meeting of the Romanian Shipbuilders Association (ANCONAV) – the first in-person association meeting since the outbreak of the coronavirus pandemic.

ICEPRONAV is one of the founding members of this organisation, which represents the Romanian shipbuilding industry as well as producers of ship's equipment and accessories.

Sorin Brazdis, Director of Operations of ICEPRONAV Engineering is shown briefing the participants on ICE's solutions and concept designs with focus on helping the shipping industry to meet stricter emission guidelines.

## FROM OUR PROJECT PORTFOLIO: 1.6 M BBL GENERIC FPSO HULL

In-house development based on earlier design to meet Petrobras ITT for Brazilian clients.

LOA: 283.00 m

Breadth: 59.40 m

Depth: 30.00 m

Storage capacity: 1.6 M bbl

### Scope of Work:

Enhanced basic design.

Year: 2019



## 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.