ICNAME

Innovation & Cooperation in Naval Architecture & Marine Engineering Association

Marine & Ocean Information Brief

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ICNAME Founding Members News

CAS Institute of Deep-Sea Science and Engineering Visits HEU to Advance Collaborative Innovation

A delegation from the Institute of Deep-Sea Science and Engineering of the Chinese Academy of Sciences visited Harbin Engineering University for discussions on technology development, equipment engineering and talent cultivation. The delegation toured HEU's Ship Digital and Intelligent Technology Research Institute, the National Key Laboratory of Intelligent Marine Vehicles and the National Key Laboratory of Underwater Acoustic Technology. Researchers presented advances in dynamic positioning, intelligent navigation, digital twins, simulation and validation, unmanned marine platforms, intelligent control, environmental perception and underwater acoustics. The two institutions agreed to strengthen joint research, platform development and postgraduate education to tackle key deep-sea technologies.

Source: Harbin Engineering University News
Link: https://news.hrbeu.edu.cn/info/1141/89026.htm

HEU Professor Han Duanfeng Honored as an Advanced Individual in China's Polar Expeditions

Professor Han Duanfeng, Vice President of Harbin Engineering University and a leading scholar in ship and ocean engineering, was named an "Advanced Individual in China's Polar Expeditions." Professor Han has pioneered research on polar technology and equipment in China. He developed a multiscale coupled-motion methodology for interactions among ice, water and ships, with results applied to the design of the polar research vessel Xuelong 2, polar deck carriers and icebreakers. His team has also developed polar air-cushion icebreaking transport platforms and other scientific expedition equipment, filling technological and equipment gaps in China's polar engineering sector.

Source: Harbin Engineering University News / College of Shipbuilding Engineering
Link: https://news.hrbeu.edu.cn/info/1141/89027.htm

CSSC Secures Batch Order for 13 Container Ships

Huangpu Wenchong Shipbuilding, a subsidiary of China State Shipbuilding Corporation, and China Shipbuilding Trading jointly signed contracts for the construction of 13 container ships. The order comprises three 5,300-TEU vessels, four 6,200-TEU vessels and six 6,400-TEU vessels. The batch order represents another

major achievement in the companies' coordinated market development and further strengthens Huangpu Wenchong's position in the international feeder and medium-sized container ship market.

Source: China State Shipbuilding Corporation / Huangpu Wenchong Shipbuilding / China Shipbuilding Trading
Link: https://www.sohu.com/a/1041034000_175033

Construction Begins on Northern Jiangsu's Largest Bulk Carriers with CCS Technical Support

Construction preparations have begun for two 211,000-dwt bulk carriers being built by Xiangshui Wanlong Heavy Industry for Hainan Anli International Shipping. They are the largest bulk carriers constructed to date in northern Jiangsu. The Lianyungang Office of the CCS Jiangsu Branch will perform construction surveys and provide early technical support in drawing review, production-process optimization and risk assessment. CCS will implement an integrated inspection mechanism covering block construction, hull erection, launching and sea trials to ensure compliance with CCS rules and international maritime conventions.

Source: China Classification Society
Link: https://www.ccs.org.cn/ccswz/articleDetail?id=202606251022340268

CCS and Industry Partners Advance 60,800-dwt Multipurpose Heavy-Lift Vessel Project

The Shanghai Rules and Research Institute of China Classification Society has established a four-party cooperation mechanism with Highton Development's Shanghai branch, Taizhou Kouan Shipbuilding and the Shanghai Merchant Ship Design and Research Institute. The cooperation centers on the plan-approval project for a 60,800-dwt forward-bridge multipurpose heavy-lift vessel. The partners reviewed the vessel's design, key technologies, plan-approval process and production schedule and signed a cooperation agreement to improve resource sharing and technical coordination. The initiative is intended to strengthen China's capabilities in high-end vessel design and classification services.

Source: China Classification Society
Link: https://www.ccs.org.cn/ccswz/articleDetail?id=202606251011750740

CCS to Present IMO's Newly Adopted Non-Mandatory MASS Code

China Classification Society announced a technical briefing on the International Maritime Organization's newly adopted non-mandatory Maritime Autonomous Surface Ships Code. The code was approved and formally released at the 111th session of the IMO Maritime Safety Committee in May 2026 and provides a foundational framework for the safe design, construction and operation of autonomous ships. CCS experts will explain its regulatory background, technical requirements, implementation pathways and implications for shipowners, ship designers, shipyards, intelligent-system suppliers and maritime research organizations.

Source: China Classification Society
Link: https://www.ccs.org.cn/ccswz/articleDetail?id=202606251032176114

CCS Releases 2026 Guidelines for Manoeuvrability Assessment of Azimuth-Thruster Ships

China Classification Society has released the *Guidelines for Manoeuvrability Assessment of Azimuth-Thruster Ships 2026*. Azimuth thrusters integrate propulsion and steering and can direct thrust at any angle, enabling vessels to move forward, backward, sideways and in rotation. Although these systems significantly improve manoeuvrability, rapid changes in thrust direction can produce excessive acceleration and heel angles. The new guidelines establish a graded assessment procedure for vessel manoeuvrability and roll stability during manoeuvres. They can be applied during both vessel design and operation to support safer handling and operational decision-making.

Source: China Classification Society
Link:
https://www.ccs.org.cn/ccswz/articleDetail?columnId=2020071711767319 56&id=202606241022634061

CSSC Enterprises Rated as Benchmarks in China's State-Owned Enterprise Reform Programs

China State Shipbuilding Corporation announced that its participating enterprises in the 2025 "Science and Technology Reform Action" and "Double-Hundred Action" assessments were rated at the highest "Benchmark" level. The evaluation results recognize the group's progress in corporate reform, technological innovation, governance and market-oriented operating mechanisms. The recognition is expected to support CSSC's efforts to strengthen innovation capabilities and accelerate the high-

quality development of China’s shipbuilding industry.

Source: China State Shipbuilding Corporation
Link: https://finance.sina.com.cn/enterprise/central/2026-06-25/doc-inieqnch2590273.shtml?froms=ggmp&utm_source=chatgpt.com

Other Maritime and Ocean Engineering News

Samsung Heavy Industries Selects GTT Tank Technology for Three LNG Carriers

GTT received an order from Samsung Heavy Industries to design the cryogenic cargo tanks for three new LNG carriers being built for an American shipowner. Each vessel will have a cargo capacity of 174,000 cubic meters and will be equipped with GTT's Mark III Flex membrane containment system. Delivery of the vessels is scheduled between the first and second quarters of 2029. The project reflects continued international demand for large LNG carriers and advanced cryogenic containment technologies.

Source: MarineLink
Link: https://www.marinelink.com/news/samsung-heavy-orders-lng-carrier-tanks-540595

DeepOcean Completes Inter-Array Cable Installation at Germany's Nordseecluster A Offshore Wind Farm

DeepOcean completed the installation and testing of all inter-array cables for the Nordseecluster A offshore wind project in Germany. The work covered engineering, cable transport and installation, cable pull-in, seabed burial, protection systems and offshore surveys. A total of 48 inter-array cables were installed between January and April using a fleet of specialized vessels. Nordseecluster A will feature 44 Vestas V236-15 MW wind turbines with a combined capacity of 660 MW and is expected to enter operation in early 2027.

Source: MarineLink
Link: https://www.marinelink.com/news/deepocean-installs-interarray-cables-540598

Yinson Production Names New FSO for Vietnam's Lac Da Vang Offshore Project

Yinson Production named its new floating storage and offloading vessel PTSC Lac Da Vang, which will serve Murphy Oil's Lac Da Vang offshore development in Vietnam. The new double-hull vessel has a storage capacity of approximately 500,000 barrels and incorporates dual-fuel systems. It was constructed and launched at Nantong StrongWind Shipyard in China. The vessel will operate under a ten-year firm contract with an option for a five-year extension and is expected to begin operations in the fourth quarter of 2026.

Source: MarineLink
Link: https://www.marinelink.com/news/yinson-production-names-fso-murphys-lac-

540596

MODEC to Supply Mooring System for Coral Norte FLNG Project off Mozambique

MODEC's subsidiary SOFEC will provide an internal turret mooring system for the Coral Norte floating LNG project offshore Mozambique. The system is being developed in cooperation with the Technip Energies–JGC consortium. The FLNG facility, whose hull was launched at Samsung Heavy Industries' Geoje shipyard in January 2026, will have an annual LNG production capacity of approximately 3.6 million tonnes. First LNG production is targeted for 2028.

Source: MarineLink
Link: https://www.marinelink.com/news/modec-supply-mooring-system-coral-norte-540597

First Hapag-Lloyd Methanol Dual-Fuel Retrofit Completed in Shanghai

The 10,100-TEU container ship Seaspan Yangtze completed a three-month engine conversion at COSCO Shipping Heavy Industry in Shanghai. Engine specialist PrimeServ, part of Everllence, converted the vessel's conventional engine into a dual-fuel unit capable of operating on methanol as well as conventional marine fuel. The ship is the first of five Seaspan vessels chartered to Hapag-Lloyd that will undergo the conversion. The project demonstrates that methanol capability can be added to existing ships without requiring complete fleet replacement.

Source: Seatrade Maritime News
Link: https://www.seatrade-maritime.com/shipyards/first-of-five-hapag-lloyd-dual-fuel-retrofits-completed-by-everllence

SolarDuck and MARIN Receive Funding for Offshore Floating Power and Utility Hub

SolarDuck and the Maritime Research Institute Netherlands received approximately €3.2 million in government funding for the Steady Seas program. The project will develop an offshore floating power and utility hub capable of supplying renewable electricity, communications and other services to remote offshore and subsea assets. MARIN will conduct hydrodynamic analysis, numerical simulations and model-basin testing to assess the platform's behavior in offshore conditions. The project could reduce dependence on diesel-powered offshore equipment and support more

autonomous subsea operations.

Source: MarineLink
Link: https://www.marinelink.com/news/solarduck-marin-awarded-m-advance-540671

Hybrid and Biofuel-Ready Offshore Vessel Geo Master Begins Long-Term Charter

Mainport Shipping christened the hybrid and biofuel-ready offshore vessel Geo Master, which has begun a long-term charter with subsea service provider N-Sea. The DP2 vessel is designed for offshore survey, remotely operated vehicle support and subsea inspection work. Its hybrid propulsion system can reduce fuel consumption and emissions, while its engines are compatible with biofuel blends. The vessel will support offshore energy and marine infrastructure projects in European and UK waters.

Source: Offshore Energy
Link: https://www.offshore-energy.biz/dutch-hybrid-biofuel-ready-vessel-christened-starts-charter-with-n-sea/

Jinjiang Shipping Orders Four Energy-Efficient Feeder Container Ships

Shanghai Jinjiang Shipping placed an order with Yangzijiang Shipbuilding for four 1,900-TEU feeder container ships. The vessels were developed by the Shanghai Merchant Ship Design and Research Institute and will be classed by China Classification Society. They will incorporate optimized hull forms, low-emission engines and exhaust after-treatment technologies and are designed to comply with the IMO's EEXI and Carbon Intensity Indicator requirements. Deliveries are expected to begin in May 2029.

Source: Seatrade Maritime News
Link: https://www.seatrade-maritime.com/shipyards/jinjiang-shipping-ramps-up-intra-asia-container-ship-fleet

Saipem Begins SURF Operations for Suriname's First Large-Scale Offshore Oil Development

Saipem has begun work on the subsea umbilicals, risers and flowlines package for the GranMorgu offshore project, Suriname's first large-scale offshore oil development. The company is responsible for engineering, procurement, construction, installation, pre-commissioning and commissioning support for equipment installed in water depths

ranging from 100 to 1,100 metres. The arrival of the multipurpose construction vessel *Normand Navigator* in Paramaribo marked the beginning of preliminary operations. Saipem will deploy both S-lay and J-lay vessels during the offshore installation campaign.

Source: Offshore Energy
Link: https://www.offshore-energy.biz/saipem-preparing-for-surf-campaign-offshore-suriname/

Wintermar Expands into Crew Transfer Vessel Construction and Operation

Indonesian offshore vessel operator Wintermar Offshore Marine has acquired full ownership of Singapore-based Fast Offshore Supply and its Indonesian subsidiary. The transaction expands Wintermar's activities into the construction and operation of aluminium crew transfer vessels. Fast Offshore Supply previously secured contracts for ten next-generation crew transfer vessels for a major energy company in Brunei. Five vessels will be owned and chartered under an initial five-year agreement, while another five will be built and sold to the customer. The acquisition will increase Wintermar's high-tier fleet from 12 to 22 vessels.

Source: MarineLink
Link: https://www.marinelink.com/news/wintermar-takes-full-control-fast-540606