ICNAME | Innovation & Cooperation in Naval Architecture & Marine Engineering Association

Marine & Ocean Information Brief

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ICNAME Founding Members News

CSSC 709 Institute Visits HEU to Deepen Ship Electronic Information Cooperation

A delegation from the 709 Research Institute of China State Shipbuilding Corporation visited Harbin Engineering University on June 30 for discussions on scientific and technological innovation, shared platforms, joint talent training and technology transfer. HEU noted its long-standing cooperation with the institute in ship electronic information, including joint research outputs, the Ship Electronic Engineering Engineer Technology Center and integrated-circuit talent cultivation. The two sides discussed further collaboration in core ship chips, artificial intelligence and large-model applications, supporting closer integration between advanced technologies and marine equipment applications.

Source: Harbin Engineering University News
Link: https://news.hrbeu.edu.cn/info/1141/89101.htm

HEU Academician Yang Desen Honored for Contributions to Underwater Acoustics

Harbin Engineering University reported that Academician Yang Desen, a leading Chinese scholar in underwater acoustic engineering, was named a National Outstanding Communist Party Member. The report highlights his four decades of research and teaching in underwater acoustics, including pioneering work in underwater vector acoustics and nonlinear underwater acoustics. His work is closely connected to marine science, underwater detection and the development of technologies for safeguarding maritime interests, making the recognition relevant to China's naval architecture, ocean engineering and marine-technology research community.

Source: Harbin Engineering University News / Xinhua News Agency
Link: https://news.hrbeu.edu.cn/info/1141/89109.htm

CCS Wuhan Branch Signs Green and Intelligent Vessel Industry Cooperation Framework

China Classification Society reported that its Wuhan Branch signed an industrial cooperation framework agreement with the Qiaokou District Government. The cooperation focuses on the green and intelligent vessel industry and is intended to strengthen local maritime industrial development, technical services and coordinated innovation. For CCS, the agreement supports wider application of classification

expertise in green ships, smart shipping and regional marine-equipment clusters, while helping local government connect policy, industry and technical resources around the development of cleaner and more intelligent vessel technologies.

Source: China Classification Society
Link: https://www.ccs.org.cn/ccswz/articleDetail?id=202607010131854594

CCS-Surveyed 174,000 cbm LNG Carrier GREENERGY CLOUD Named

China Classification Society reported the successful naming of the 174,000 cbm LNG carrier GREENERGY CLOUD, surveyed by CCS. The vessel is part of the CNOOC LNG carrier project and was built by CSSC Hudong-Zhonghua on Changxing Island. As a large LNG carrier project involving Chinese shipbuilding, classification and clean-energy transportation capabilities, the vessel reflects continued progress in China's high-end gas-carrier construction and survey capacity, while supporting the expansion of LNG transportation for long-term energy supply chains.

Source: China Classification Society
Link: https://www.ccs.org.cn/ccswz/articleDetail?id=202607020492300104

Hudong-Zhonghua Delivers Three High-End Green Ships Ahead of Schedule

Hudong-Zhonghua Shipbuilding delivered three advanced clean-energy vessels on the same day: the 174,000 cbm LNG carriers GREENERGY CLOUD and KEDAH PRINCESS, and the 13,000 TEU dual-fuel container ship JIACHENG. The LNG carriers are part of Hudong-Zhonghua's fifth-generation Changheng series, with dual-fuel engines, iCER technology and a reported daily boil-off rate of 0.085%. GREENERGY CLOUD also completed the first phase of CNOOC's large-scale LNG carrier construction project, strengthening China's LNG transport and green shipbuilding capabilities.

Source: iMarine / Longde Shipman
Link: https://www.imarine.cn/235290.html

Dalian Shipbuilding Delivers 175,000 cbm LNG Carrier HAICHUANG to China Merchants Shipping

Dalian Shipbuilding delivered the 175,000 cbm LNG carrier HAICHUANG to China Merchants Energy Shipping. The vessel is the third ship in the 2+2 series of energy-saving LNG carriers ordered by China Merchants Shipping at Dalian Shipbuilding in 2022. It is equipped with a new LNG dual-fuel low-speed main engine, an iCER system and GTT Mark III Flex containment, with a reported daily boil-off rate of 0.085% and

onboard reliquefaction capability. The delivery expands China Merchants Shipping's LNG fleet and further demonstrates Chinese shipyards' capabilities in large LNG carrier construction.

Source: iMarine / Longde Shipman
Link: https://www.imarine.cn/235428.html

Other Maritime and Ocean Engineering News

MODEC Advances Construction of Brazil-Bound Gato do Mato FPSO

MODEC completed the forward hull section of the Gato do Mato floating production, storage and offloading vessel, marking a construction milestone for the Brazil-bound offshore production unit. The section was built at Sumitomo Heavy Industries Marine & Engineering's Yokosuka shipyard and will be integrated with the aft section in China. The project is the first to use MODEC's Next Generation Hull design and will have an oil production capacity of around 120,000 barrels per day in water depths of about 2,000 meters south of Rio de Janeiro.

Source: Offshore Engineer / OE Digital
Link: https://www.oedigital.com/news/540864-modec-advances-construction-of-brazil-bound-gato-do-mato-fpso

MOL and IBM Japan Launch AI Platform for Vessel Operations

Mitsui O.S.K. Lines and IBM Japan launched an AI-powered platform to support decision-making in vessel operations. The system went live on July 1 and is centered on MOL's Safety Operation Supporting Center, which monitors MOL-affiliated vessels worldwide. It integrates weather and sea-state data, operational information and geopolitical risk information, while using generative AI to identify vessel risks in real time. The platform is designed to improve monitoring, situation assessment and the sharing of operational knowledge across the organization.

Source: MarineLink
Link: https://www.marinelink.com/news/mol-ibm-japan-launch-ai-platform-vessel-540811

Aker Solutions Wins Offshore Wind HVDC Substructure Contract

Aker Solutions secured a substantial contract to deliver a high-voltage direct current substructure for a European offshore wind project. The scope covers engineering, procurement and construction, and the award will be booked in the company's Renewables and Field Development segment. Aker Solutions defines a substantial contract as valued between $250 million and $400 million. The project highlights continued demand for large offshore wind transmission structures and the engineering capability required for grid connection in European offshore wind developments.

Source: Offshore Engineer / OE Digital
Link: https://www.oedigital.com/news/540806-aker-solutions-secures-offshore-wind-hvdc-substructure-contract

MacGregor Expands Offshore Crane Modernization Backlog

MacGregor secured a series of offshore load-handling modernization and upgrade contracts during the first half of 2026. The projects include engineering, upgrades and modernization work for offshore cranes and other load-handling equipment, including replacement crane control systems, new operator cabins and advanced human-machine interfaces. The contracts reflect growing demand for extending the operational life, safety and performance of offshore vessels and installations without full equipment replacement.

Source: Offshore Engineer / OE Digital
Link: https://www.oedigital.com/news/540814-macgregor-expands-offshore-crane-modernization-backlog

Fon Energy Secures Offshore Wind Services Contract in Poland

Norway's Fon Energy Services won a multi-year contract from Baltic Power to provide operations and maintenance services for Poland's Baltic Power offshore wind farm. The agreement covers an integrated balance-of-plant O&M program for subsea assets, including foundations and export cables, as well as environmental surveys, vessel chartering, logistics, engineering and procurement. The 76-turbine Baltic Power project is Poland's most advanced offshore wind project and the country's first to enter the construction phase.

Source: Offshore Engineer / OE Digital
Link: https://www.oedigital.com/news/540812-f-n-energy-gets-offshore-wind-services-job-in-poland

Fred Olsen Floating Solar System Advances with DNV Technical Review

DNV completed an independent technical review of Fred Olsen 1848's BRIZO floating solar system, supporting the technology's movement toward project development and commercial deployment. The system is designed for inland, coastal and near-shore environments with more exposed wave conditions than conventional floating photovoltaic systems. DNV reviewed design methodologies, hydrodynamic-load assessment, structural behavior and testing procedures, providing an independent technical basis for future offshore and near-shore floating solar applications.

Source: Offshore Engineer / OE Digital
Link: https://www.oedigital.com/news/540807-fred-olsen-s-floating-solar-unit-advances-to-exposed-waters-with-dnv-s-blessing

Container Ship Runs Aground Outside Iran-Approved Strait of Hormuz Route

Iranian state media reported that a foreign container ship ran aground in the Strait of Hormuz after entering shallow waters outside the shipping route designated by Iranian authorities. The report followed warnings from Iran's Revolutionary Guards that vessels should use only the corridor south of Larak Island, which Tehran describes as the approved entry and exit route through the strait. The incident underscores continuing maritime safety and navigation risks in one of the world's most strategically important shipping waterways.

Source: MarineLink / Reuters
Link: https://www.marinelink.com/news/container-ship-runs-aground-outside-540813