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

Marine & Ocean Information Brief

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ICNAME Founding Members News

CCS Shanghai Norms Research Institute and Industry Partners Discuss Ship Anti-Icing Technology

On 1 June, CCS Shanghai Norms Research Institute, together with CSSC‘s 708 Research Institute and the Polar Research Institute of China, held a ship anti-icing technology exchange meeting to jointly outline the construction blueprint for a Far East anti-icing laboratory. The meeting focused on technical challenges related to ship navigation in polar and sub-zero environments, with the planned laboratory aimed at providing testing and validation capabilities for anti-icing technologies.

Source: China Classification Society (CCS)
Link:https://www.ccs.org.cn/ccswz//articleDetail?id=202606010906423222

CCS Wuhan Norms Research Institute Visits China Changjiang National Shipping Group

On 1 June, CCS Wuhan Norms Research Institute Deputy Director (Presiding) Xiao Shuming led a delegation to visit China Changjiang National Shipping Group (CNSG) General Manager Ding Lei. The two sides exchanged views on deepening cooperation and promoting high-quality development of Yangtze River shipping. CNSG Deputy General Manager Liu Guangyao also attended the meeting.

Source: China Classification Society (CCS)
Link:https://www.ccs.org.cn/ccswz//articleDetail?id=202606010924072217](https://www.ccs.org.cn/ccswz//articleDetail?id=202606010924072217)

CCS Jiangsu Branch Conducts Fleet-wide Rotating Services for Local Shipowners

On 1 June, CCS Jiangsu Branch launched a targeted rotating service programme for local shipping enterprises, focusing on helping operators improve ship safety management levels and effectively reduce risks identified during PSC/FSC inspections. The initiative represents CCS‘s ongoing commitment to providing precise services to frontline operators and strengthening operational safety defences for vessels.

Source: China Classification Society (CCS)
Link:https://www.ccs.org.cn/ccswz//articleDetail?id=202606010906423222](https://www.ccs.org.cn/ccswz//articleDetail?id=202606010906423222)

CCS Jiangsu Branch Exchanges with Jiangsu Financial Leasing Co., Ltd.

On 1 June, CCS Jiangsu Branch received a delegation led by Jiangsu Financial Leasing Co., Ltd. General Manager Jiang Yong. The two sides discussed the deep integration of shipping financial services and ship technical services, exploring pathways for high-quality development combining class survey technology with financial capital.

Source: China Classification Society (CCS)
Link:https://www.ccs.org.cn/ccswz//articleDetail?id=20260610915542691](https://www.ccs.org.cn/ccswz//articleDetail?id=20260610915542691)

CCS"Jack-up Platform Spudcan Penetration and Extraction Automation Analysis System" Project Passes Acceptance Review

On 1 June, the acceptance review meeting for the "Jack-up Platform Spudcan Penetration and Extraction Automation Analysis System Research" project was held in Tianjin. The project results from CCS Marine Engineering Technology Center were reviewed and approved by industry experts, marking a significant technological advancement in the automation of jack-up platform analysis capabilities.

Source: China Classification Society (CCS)
Link:https://www.ccs.org.cn/ccswz//articleDetail?id=20260610844283903](https://www.ccs.org.cn/ccswz//articleDetail?id=20260610844283903)

ICNAME Secretariat Participates in International Science and Technology Conference

On 27–29 May 2026, ICNAME Deputy Secretary-General Zhu Zhigang was invited to participate in the "2026 5th International Science and Technology Conference" held in Almaty, Kazakhstan, and delivered a keynote report. The conference brought together experts from multiple countries to discuss international cooperation in science and technology, and the ICNAME Secretariat reported on the current status of digital and intelligent development in China's shipbuilding industry, as well as the latest developments of ICNAME.

Source: ICNAME
Link:https://www.icname.org/News/540.html](https://www.icname.org/News/540.html)

Other Maritime and Ocean Engineering News

HD Hyundai Heavy Industries and BAR Technologies Sign MOU for WindWings® Collaboration

HD Hyundai Heavy Industries and BAR Technologies have signed a Memorandum of Understanding to establish a strategic partnership focused on technical collaboration and commercial opportunities for the integration of WindWings® wind-assisted propulsion systems. This agreement establishes a joint engineering approach at the vessel design stage, enabling a more integrated application of WindWings in newbuild vessels. The two companies will collaborate on interfacing the WindWings control system with HHI's integrated vessel control system and developing performance verification methodologies. The MOU has an initial term of three years and is expected to support the expansion of wind-assisted propulsion across a broader range of vessel segments, including gas carriers. As regulatory and commercial pressures intensify, wind-assisted propulsion is becoming an increasingly important lever for shipowners looking to reduce fuel consumption under tightening regulatory frameworks. BAR Technologies' WindWings system uses a patented three-element wing design delivering 2.5 times the lift of a single-element wing and requires no continuous power for suction fans or mechanical spinning.

Source: World Ports / WorkBoat
Link:https://www.worldports.org/hd-hyundai-heavy-industries-and-bar-technologies-sign-mou-for-windwings-wind-assisted-propulsion-systems-collaboration/

HD Korea Shipbuilding Wins Order for 8 VLGCs from BW LPG Worth 6.35 Billion RMB

On 1 June, HD Korea Shipbuilding & Offshore Engineering signed a contract with BW LPG for the construction of 8 Very Large Gas Carriers. All 8 VLGCs will be built at HD Hyundai Heavy Industries in Ulsan and are scheduled for delivery by the end of June 2030. The total contract amount is 1,416.1 billion Korean won (approximately US$940 million, or 6.354 billion RMB), equivalent to a unit price of US$117.5 million per vessel. BW LPG CEO Kristian Sorensen stated that this series of newbuilding projects solidifies their ongoing fleet renewal programme and is supported by strong long-term fundamentals in the LPG market. As of now, HD Korea Shipbuilding & Offshore Engineering has accumulated 123 new ship orders worth US$14.17 billion this year, achieving 60.8% of its annual order target of US$23.31 billion. By vessel type, these include 16 LNG carriers, 28 container ships, 36 ammonia carriers (including 2

liquefied CO2 carriers), 7 crude oil tankers, 33 chemical tankers, 2 PCTCs, and 1 specialized icebreaker.

Source: World Ports
Link:https://www.worldports.org/8-vessels-for-6-4-billion-yuan-shipbuilding-giant-secures-another-batch-order-for-vlgcs/

Dajin Heavy Industry Secures Four Newcastlemax Bulk Carrier Orders Totalling USD 300 Million

On 31 May, Dajin Heavy Industry Co., Ltd. announced that it had signed two bulk carrier construction contracts each with a Greek shipowner and a Norwegian shipowner. The company will design, build, and deliver a total of four 211,000 DWT Newcastlemax bulk carriers, with a total contract value of approximately USD 300 million (approximately RMB 2.05 billion). Each vessel has an overall length of approximately 299.95 metres, a beam of 50 metres, and a depth of 25 metres, with deliveries scheduled in batches in 2029. According to International Ship Network, the Norwegian shipowner is Seatankers Management, a subsidiary of Norwegian shipping magnate John Fredriksen. This year, Dajin Heavy Industry has secured a total of 14 Newcastlemax bulk carrier orders, including four from Greek owner Danaos, six from Seatankers, two from Greek owner Cape Shipping, and two from an anonymous Greek owner. The company is preparing to list on the Hong Kong Stock Exchange.

Source: World Ports / Marketscreener
Link:https://www.worldports.org/sign-4-more-total-orders-reach-14-shipbuilding-newcomer-to-soon-list-on-hong-kong-stock-exchange/

GustoMSC Launches New Asymmetrical Rack & Pinion Technology for Offshore Wind Installation Vessels

NOV‘s offshore design and engineering business GustoMSC has developed new asymmetrical rack & pinion technology to address the growing demands for higher load capacity and greater efficiency in offshore wind turbine installation vessels. As offshore wind turbines continue to grow in size, installation vessels face increasing demands for higher load capacity, greater efficiency, and tighter project schedules. The patent-pending ASYM R&P technology improves how loads are distributed throughout the existing system architecture, creating a more efficient use of structural capacity within the same vessel footprint. Rather than relying on conventional scaling methods that require larger components and added weight, this technology increases performance through an asymmetrical design integrated into GustoMSC’s established rack & pinion jacking system.

Source: Marketscreener
Link: https://www.marketscreener.com/news/nov-gustomsc-technology-expands-jacking-capacity-for-next-generation-offshore-wind-vessels-ce7f5ddedd89f420

Posidonia 2026 Opens in Athens as Largest Maritime Exhibition in History

Posidonia 2026, the biennial international maritime exhibition, opened on 1 June at the Metropolitan Expo in Athens and runs for five days. This year‘s event is the largest in its history, featuring 2,227 companies from 83 countries and covering an exhibition area of 45,000 square metres. More than 40,000 visitors are expected to attend. China State Shipbuilding Corporation set up its first integrated booth since its merger, showcasing an overwhelming presence with large ship models and digital displays, attracting a crowd of visitors eager to explore the exhibition. South Korea’s HD Hyundai, Samsung Heavy Industries, Hanwha Ocean and HJ Shipbuilding, along with the Korean Register, also showcased their shipbuilding and maritime ecosystem, with the Korean Pavilion hosting multiple MOU signing ceremonies. The Korean Register indicated that more than 10 MOUs are expected to be signed at this year‘s event, with foreign shipowners showing high interest in digital platforms to assist with practical decisions in response to recently intensified carbon reduction requirements.

Source: AJU PRESS
Link: https://m.ajupress.com/view/20260602214270007

CSSC Establishes New Shipbuilding Company to Revitalise Xiaohu Island Shipbuilding Base

On 28 May, CSSC Shipping (Guangdong) Shipbuilding Co., Ltd., jointly held by Guangdong New China Shipyard Co., Ltd. and Guangzhou Shipyard International Co., Ltd., was registered and established with a registered capital of approximately 590 million RMB. The business scope includes marine engineering equipment manufacturing, shipbuilding, ship repair, ship design, and metal ship manufacturing. The project takes the Xiaohu Island Shipbuilding Base as its core carrier, aiming to achieve deep linkage between intelligent ship manufacturing and modern port & shipping services, with an estimated annual output value exceeding 5 billion RMB after commissioning. Products will cover medium and small-sized ocean-going vessels, aluminium alloy passenger ships, yachts, unmanned vessels, and official duty boats.

Source: World Ports
Link:https://www.worldports.org/new-company-officially-established-central-local-

cooperation-revitalizes-xiaohu-island-shipbuilding-base/

CSSC and BAR Technologies Sign Cooperation Agreement on Next-Generation Wind-Assisted Propulsion Technology

China State Shipbuilding Corporation has signed a strategic cooperation agreement with BAR Technologies for the development and integration of wind-assisted propulsion technologies. The agreement covers the joint advancement of WindWings® technology for integration into vessels built by CSSC yards, further expanding the application of wind propulsion in commercial shipping. BAR Technologies' WindWings system has already been deployed across a significant number of newbuild vessels, and the agreement aims to accelerate adoption across the Chinese shipbuilding industry as shipowners seek viable solutions to improve efficiency and reduce emissions.

Source: Seaway Maritime Intelligence
Link:https://www.seawayshipservices.com/maritime-intelligence.php?article=cssc-and-bar-technologies-sign-agreement-931d27

U.S. Navy Considers Building Warships in South Korean and Japanese Shipyards

The U.S. Navy is exploring the possibility of building combat vessels in shipyards in South Korea and Japan, according to industry sources. The decision is rooted in structural delays within the U.S. domestic shipbuilding industry, as the U.S. Navy and Coast Guard currently rely on eight domestic shipbuilders for surface combatants and auxiliary vessels. The move would represent a significant shift in U.S. naval procurement policy and reflects growing recognition of allied shipbuilding capacity to support U.S. defence needs in the Indo-Pacific region.

Source: AJU PRESS
Link: https://www.ajupress.com/view/20260602180248940

Chinese and South Korean Shipbuilders Tap New Growth Amid Green Shift

The global new shipbuilding market is in a high-growth upswing, with expanding industry dividends. According to the Baltic and International Maritime Council, as of the end of the first quarter of 2026, the global shipping order book hit a 17-year high. Chinese and South Korean shipbuilders are both benefiting from this growth, with Chinese yards focusing on cost-competitive conventional vessel segments while Korean yards maintain a technological edge in high-value sectors such as LNG carriers, eco-friendly ships and autonomous vessels. Both countries are increasingly investing in green technologies including alternative fuel propulsion, wind assistance, and carbon

capture systems to meet tightening IMO environmental regulations.

Source: Global Times
Link: https://www.globaltimes.cn/page/202606/1362819.shtml

"Blue Granary" Technology Advances China's Deep-Sea Aquaculture Capabilities

China's deep-sea aquaculture sector is advancing rapidly with the development of sophisticated offshore fish farming platforms. The "Gesheng No.1" platform, an upgraded version of the "Penghu" platform, has doubled its aquaculture water volume to 30,000 cubic metres while requiring only three personnel for operations. The platform utilizes digital systems, intelligent sonar, and automated feeding to precisely monitor fish growth. Meanwhile, the "Zhuhaiqin" platform under development features self-lifting and folding net cages designed to withstand typhoons of up to Force 15, with a total construction cost of 6,000 cubic metres of aquaculture water controlled within 30 million RMB. Digital twin technology and China's first offshore 5G private network have enabled deep-sea ranches to become "visible, measurable, and controllable." Experts note that deep-sea aquaculture not only expands high-quality protein supply but also drives upstream and downstream industries including marine engineering equipment, breeding, smart fisheries, and cold chain processing.

Source: Sina News / People's Daily
Link: http://news.sina.com.cn/minsheng/2026-06-01/doc-inhzwcky4114332.shtml