



ICNAME

Innovation & Cooperation in Naval
Architecture & Marine Engineering
Association

Marine & Ocean Information Brief

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Contents

ICNAME Founding Members News.....3

Strathclyde and Japan Marine United Corporation Partner to Advance Offshore Renewables..... 3

New Maritime Safety Project to Improve Methanol Fire Safety 3

CSSC Completes Record 537-Day Deep-Sea Corrosion Test at 10,000-Metre Depth 3

Chinese and International Experts Praise ICNAME for Advancing Polar Ship and Ocean Engineering Research..... 4

Dean Ni Baoyu of Harbin Engineering University Visits Brazil to Deepen Cooperation 4

Other Maritime and Ocean Engineering News5

Second Chinese-Built Large Cruise Ship “Adora Flora City” Concludes Sea Trials..... 5

Hudong-Zhonghua Names First 14,000 TEU Methanol-Ready Boxship for Peter Döhle 5

SFU and Hanwha Ocean Sign Strategic Research Partnership 5

Taizhou Sanfu Secures \$600 Million Order for Eight 6,200-TEU Boxships from Global Ship Lease..... 6

Jumbo Orders Two Next-Generation Heavy-Lift Vessels from Dajin Heavy Industry..... 6

Adani’s Ocean Sparkle Orders Four ASD Tugs from Udupi Cochin Shipyard... 6

Dalian Shipbuilding Industry 1,600-Tonne Gantry Crane Project Commences ..	7
China’s First Twin-Hull Marine Engineering Survey Vessel “Qiaoyuan Hao” Launched	7
Seventh Marine Engineering Young Scholars Forum Attracts 400 Participants .	7
Changxing Island Emerges as World-Class Shipbuilding Hub.....	8
Jiangsu Jingjiang Sets Record with Twin Giant Tankers Sailing Outbound.....	8
Global New Shipbuilding Market Records 46 Orders in Third Week of May	8
China’s Shipbuilding Orders Surge with 195.2% Year-on-Year Growth in New Orders	9
Strategic Marine Delivers MO15 and MO16 CTVs to Mainprize Offshore.....	9
Yangzijiang Shipbuilding Reports Record FY2025 Results	9
CMA CGM Takes Delivery of World’s Largest LNG-Powered Container Ship	10
Grimaldi Christens Ammonia-Ready PCTC “Grande Svezia”	10
X-PRESS FEEDERS and METHANAVE Conduct Trial of Ethanol-Methanol Marine Fuel	10
China Railway Group Launches Major Marine Engineering Survey Vessel.....	11
South Korea Forms Public-Private Joint Promotion Group for SMR-Powered Ships	11

ICNAME Founding Members News

Strathclyde and Japan Marine United Corporation Partner to Advance Offshore Renewables

The University of Strathclyde and Japan Marine United Corporation (JMU) have signed a Memorandum of Understanding (MoU) to cooperate on the development of maritime engineering and offshore renewable energy. The partnership combines Strathclyde's research expertise with JMU's industrial capabilities, with initial joint work focusing on the standardisation and mass production of floating offshore wind turbines. JMU, a leading shipbuilder in Japan, has been engaged in floating offshore wind technology since 1999 and continues to contribute to the sector's development.

Source: University of Strathclyde

Link: <https://www.strath.ac.uk/whystrathclyde/news/2026/jmumou/>

New Maritime Safety Project to Improve Methanol Fire Safety

Lloyd's Register Foundation has awarded £378,000 to a new initiative led by DBI – The Danish Institute of Fire and Security Technology, tackling one of the maritime sector's most urgent safety challenges: fire risk from methanol, one of the alternative fuels in the global green transition. The MEFISTO – Methanol Fire Safety Tools project will create tested safety solutions that support the safe use of methanol as a marine fuel and help shipowners meet regulatory requirements. In collaboration with Maersk, OMT Group, Safetytech Accelerator, RelyOn, and Jomo Kenyatta University of Agriculture and Technology (JKUAT) Marine Engineering and Maritime Operations Department, MEFISTO combines rigorous testing, industry validation, and regulatory engagement. Findings will be shared openly to accelerate safer methanol adoption and support the maritime sector's transition to low-emission fuels.

Source: Lloyd's Register Foundation

Link: <https://www.lrfoundation.org.uk/news/new-maritime-safety-project-to-improve-methanol-fire-safety>

CSSC Completes Record 537-Day Deep-Sea Corrosion Test at 10,000-Metre Depth

China State Shipbuilding Corporation has completed a 537-day in-situ material corrosion test at a depth of 10,000 metres, setting a duration record for long-term deep-sea testing. The test, carried out by CSSC's 725 Research Institute, examined how materials and coatings withstand prolonged corrosion under ultra-deep-sea pressure,

low temperature, high salinity and extremely low dissolved oxygen. Liao Zhiqian, deputy director of CSSC's 725 Research Institute, said the 537-day in-situ data were scarce globally and could help improve protection processes and lifecycle prediction for long-term underwater equipment.

Source: China State Shipbuilding Corporation / PortNews

Link: <https://en.portnews.ru/news/391929/>

Chinese and International Experts Praise ICNAME for Advancing Polar Ship and Ocean Engineering Research

ICNAME, the first international innovation and cooperation alliance in naval architecture and ocean engineering, has made pioneering progress since its establishment on 29 June 2015, according to a report published by Harbin Engineering University. The alliance has received support from governments including China, the US, France, Singapore and Japan. Experts attending ICNAME meetings expressed hope for deeper collaboration in polar ship and ocean engineering, noting that as the Arctic route opens and polar development needs grow, ICNAME provides a high-level platform for effective communication and cooperation in polar science and technology.

Source: Harbin Engineering University

Link: https://hrbeu.iwhrm.com/index/article/articleinfo.html?doc_id=1489568

Dean Ni Baoyu of Harbin Engineering University Visits Brazil to Deepen Cooperation

From 18 to 22 May, Dean Ni Baoyu of Harbin Engineering University's Shipbuilding Engineering College visited the Federal University of Rio de Janeiro (UFRJ) in Brazil, holding discussions with multiple departments. Dean Ni extended an invitation for UFRJ to participate in ICNAME academic exchanges, fostering deeper collaboration in education and research between the two institutions.

Source: Harbin Engineering University

Link: <https://sec.hrbeu.edu.cn/2026/0527/c257a349309/page.htm>

Other Maritime and Ocean Engineering News

Second Chinese-Built Large Cruise Ship “Adora Flora City” Concludes Sea Trials

After 12 days and 11 nights of sea trials, the second Chinese-built large cruise ship “Adora Flora City” triumphantly returned, berthing at CSSC Shanghai Waigaoqiao Shipbuilding’s Pier No. 5 on 27 May, with all 149 sea trial items passing rigorous verification. The vessel, 17.4 metres longer than the first large cruise ship, completed all sea trial items in a single voyage, achieving an innovative breakthrough. From 19–20 May, the engineering team conducted two key tests—speed testing and full-ship vibration and noise testing—deliberately choosing the most extreme operating conditions.

Source: Xinhua News Agency / Sina Finance

Link: <https://www.163.com/dy/article/KTUE95FD05346RC6.html>

Hudong-Zhonghua Names First 14,000 TEU Methanol-Ready Boxship for Peter Döhle

On 25 May, Hudong-Zhonghua Shipbuilding held a naming ceremony at its western shipyard for the “ESL Singapore,” the first 14,000 TEU methanol-ready large container ship built for German owner Peter Döhle, part of a four-vessel order. The vessel is equipped with the world’s first methanol-ready 6×92-1.1 main engine integrating a permanent magnet shaft generator, and features a dual-fuel design compatible with both methanol and ammonia. Construction cost per vessel was approximately \$150 million.

Source: World Ports

Link: <https://www.worldports.org/hudong-zhonghua-shipbuilding-names-first-14000-teu-methanol-ready-boxship-esl-singapore-for-german-owner-peter-dohle/>

SFU and Hanwha Ocean Sign Strategic Research Partnership

Simon Fraser University has signed a strategic research partnership with global shipbuilder Hanwha Ocean to explore collaboration in Arctic technologies, clean maritime energy, advanced manufacturing and advanced naval systems. The agreement was signed in-person during BC Innovation Day in Victoria, B.C., on 25 May. Hanwha Ocean has announced plans for a Hanwha Arctic & Defence Innovation Centre (HADIC), a proposed Canadian hub integrating research, engineering and workforce training to support Arctic operations, autonomous systems and advanced naval technologies.

Source: Simon Fraser University

Link: <https://www.sfu.ca/sfunews/stories/2026/05/sfu-partners-with-global-shipbuilder-hanwha-ocean-on-advanced-te.html>

Taizhou Sanfu Secures \$600 Million Order for Eight 6,200-TEU Boxships from Global Ship Lease

Global Ship Lease has placed an order with Taizhou Sanfu Shipbuilding for eight 6,200 TEU container ships, with a total value of approximately \$600 million. This marks Global Ship Lease's first foray into the newbuilding market and Sanfu Shipbuilding's first contract for a 6,000 TEU medium-sized container ship. Chinese shipyards have recently seen a surge in orders for 6,000 TEU mid-sized container ships, with Hengli Heavy Industries, Yangzhou Guoyu Shipbuilding and Huangpu Wenchong Shipbuilding all announcing new orders.

Source: World Ports

Link: <https://www.worldports.org/taizhou-sanfu-shipbuilding-secures-record-6200-teu-newbuilding-contract-from-gsl/>

Jumbo Orders Two Next-Generation Heavy-Lift Vessels from Dajin Heavy Industry

Dutch heavy-lift owner Jumbo Maritime has ordered two 25,000 DWT multipurpose heavy-lift vessels from China's Dajin Heavy Industry in a contract worth about \$156 million. Each vessel will be fitted with two 1,200-tonne cranes, giving a maximum tandem lifting capacity of 2,400 tonnes. Delivery is scheduled in batches in 2028 and 2029, with the vessels intended for offshore wind equipment transport, offshore oil and gas modules, deepwater engineering construction and major industrial cargoes.

Source: World Ports / MarineLink

Link: <https://www.worldports.org/jumbo-orders-156m-pair-of-25000-dwt-heavy-lift-ships-at-dajin/>

Adani's Ocean Sparkle Orders Four ASD Tugs from Udupi Cochin Shipyard

Adani's Ocean Sparkle has placed an order with Udupi Cochin Shipyard for four 70-tonne bollard pull ASD harbour tugs, with deliveries scheduled to start in November 2028 and continue through June 2029. The contract value is estimated between ₹100 crore and ₹250 crore (10.5millionto10.5millionto26.2 million). The tugs will be built to the Approved Standard Tug Design and Specifications issued by India's Ministry of

Ports, Shipping and Waterways.

Source: PortNews

Link: <https://en.portnews.ru/news/391975/>

Dalian Shipbuilding Industry 1,600-Tonne Gantry Crane Project Commences

Zhenhua Heavy Industries has commenced the construction of a 1,600-tonne shipbuilding gantry crane for Dalian Shipbuilding Industry. The single-main-beam professional shipbuilding gantry crane has a rail span of 182 metres, equipped with two 450-tonne upper trolleys and one 600-tonne lower trolley, with a maximum combined lifting capacity of 1,600 tonnes and a maximum component turning weight of 900 tonnes. Once completed, the crane will significantly enhance ship assembly and heavy steel structure lifting efficiency.

Source: Sina Finance

Link: <https://finance.sina.cn/2026-05-25/detail-inhzcpie3387388.d.html>

China's First Twin-Hull Marine Engineering Survey Vessel "Qiaoyuan Hao" Launched

On 22 May, China Railway Major Bridge Engineering Group launched the "Qiaoyuan Hao," a twin-hull professional marine engineering survey vessel and the largest vessel of its type in China. The vessel has an overall length of 76.36 metres, a width of 23.80 metres and a design displacement of 2,537 tonnes, with a self-sufficiency exceeding 60 days without frequent port calls. All core equipment—including the marine drilling rig, downhole CPT system, sampling tools, testing equipment and monitoring system—achieves 100% domestic self-development.

Source: China Railway Group

Link: <https://www.crec.cn/web/xwzx61/gsyw87/2026052614021041956/index.html>

Seventh Marine Engineering Young Scholars Forum Attracts 400 Participants

The Seventh Marine Engineering Young Scholars Forum was held in Ningbo, Zhejiang Province, attracting over 400 young scholars from more than 60 universities, research institutes and enterprises across China, setting a record scale. Academician Li Huajian of the Chinese Academy of Engineering highlighted that the marine engineering sector faces three core challenges: low added value in traditional industries, technological bottlenecks and a mismatch between talent supply and demand. The forum, held

consecutively for seven years, has become an important platform for young academic exchange in China's marine engineering sector.

Source: China Water Transport News / 163.com

Link: <https://www.163.com/dy/article/KTP75COD05568W0A.html>

Changxing Island Emerges as World-Class Shipbuilding Hub

On Shanghai's Changxing Island, shipbuilding orders for Jiangnan Shipyard and Hudong-Zhonghua Shipbuilding have already been scheduled through 2030. Through innovative techniques, a single LNG carrier's total construction period has been shortened from over 30 months to 16–18 months, reaching internationally advanced levels. Key technologies such as China's first deep-sea reliquefaction unit for large LNG carriers have also been successfully developed and installed. The island's ship and offshore engineering equipment output value exceeded 90 billion yuan in 2025.

Source: People's Daily / Sina Finance

Link: <https://finance.sina.com.cn/jjxw/2026-05-25/doc-inhzamvs3684391.shtml>

Jiangsu Jingjiang Sets Record with Twin Giant Tankers Sailing Outbound

Two sister ultra-large dual-fuel tankers built by Jiangsu New Times Shipbuilding, "New Times Self-Strengthening 10" and "New Times Self-Strengthening 11," departed and conducted sea trials in formation, setting a new record for the Yangtze River for a single formation of giant vessels of the same scale. New Times Shipbuilding has already secured 20 new ship orders totalling 3.8 million deadweight tons, including eight 18,600 TEU LNG dual-fuel container ships worth over \$1.5 billion.

Source: Taizhou News Network

Link: <https://www.tznews.cn/article/content.html?key=6a13839a78f2fc2f0b8b4569&lanmu=111special>

Global New Shipbuilding Market Records 46 Orders in Third Week of May

In the third week of May (18–24 May), the global new shipbuilding market recorded 46 firm new ship orders (plus 12 optional orders), covering diverse vessel types including oil tankers, LNG carriers, container ships, PCTCs, live fish carriers, passenger ferries, heavy-lift vessels, tugs and train ferries. Tanker orders dominated, accounting for nearly 50% of the week's orders. Chinese shipbuilders performed strongly across multiple sectors.

Source: 163.com

Link: <https://www.163.com/dy/article/KTP8J9V60556MGC6.html>

China's Shipbuilding Orders Surge with 195.2% Year-on-Year Growth in New Orders

In the first quarter of 2026, China's shipbuilding industry continued to lead globally across three core indicators, with new order volume increasing 195.2% year-on-year and hand-held order volume growing 43.6%, with order volumes accounting for nearly 70% of the world's total. Many shipyard orders are scheduled through 2030, with most destined for export overseas. A global-first 10,800-car LNG dual-fuel PCTC was recently delivered in Guangzhou's Nansha District, setting a global record for vehicle carrier capacity.

Source: CCTV Finance / Sohu

Link: http://biznews.sohu.com/a/1027661834_162758

Strategic Marine Delivers MO15 and MO16 CTVs to Mainprize Offshore

Strategic Marine and Mainprize Offshore have signed a Protocol of Delivery and Acceptance for the MO15 and MO16 crew transfer vessels, extending a multi-vessel offshore renewables vessel programme announced in 2024. The vessels, designed by Walker Marine Design, are intended to support offshore wind operations and maintenance activities in Europe, following the earlier delivery of the MO10, MO11, MO12 and MO14 Supa Swath vessels.

Source: MarineLink

Link: <https://www.marinelink.com/news/strategic-marine-delivers-supaswath-ctvs-539595>

Yangzijiang Shipbuilding Reports Record FY2025 Results

Yangzijiang Shipbuilding posted record FY2025 revenue and profit, lifted dividends and reaffirmed confidence in its cash flow and robust order book. Despite a challenging operating environment marked by geopolitical tensions and shifting trade flows in global shipping, the company achieved record revenue and net profit and delivered 56 vessels on schedule.

Source: TipRanks

Link: <https://www.tipranks.com/news/yangzijiang-shipbuilding-lifts-payout-as-record-fy2025-results-underpin-long-term-expansion-drive/>

CMA CGM Takes Delivery of World's Largest LNG-Powered Container Ship

The CMA CGM Group has taken delivery of the CMA CGM Notre Dame, a new-generation LNG-powered vessel and the largest container ship currently operating under the French flag. The 24,212 TEU vessel, 400 metres long and 62 metres wide, has begun its maiden commercial voyage. The vessel incorporates an aerodynamic windshield system, an 18,600 m³ LNG tank ensuring autonomy on Asia-Europe routes, AI systems to optimise routes and control energy consumption.

Source: MarineLink

Link: <https://www.marinelink.com/news/cma-cgm-takes-delivery-worlds-largest-539624>

Grimaldi Christens Ammonia-Ready PCTC “Grande Svezia”

Grimaldi has christened its latest ammonia-ready PCTC Grande Svezia at the port of Wallhamn, Sweden. Built by China Merchants Heavy Industries Jiangsu shipyard, the vessel is 220 metres long and 38 metres wide, capable of transporting up to 9,000 CEU. To achieve zero emissions while in port, the vessel is equipped with 5 MWh of lithium batteries and cold ironing, along with 2,500 square metres of solar panels and an air lubrication system. Compared with previous generations of car carriers, fuel consumption is reduced by up to 50%.

Source: MarineLink

Link: <https://www.marinelink.com/news/grimaldi-christens-ammoniaready-pctc-539626>

X-PRESS FEEDERS and METHANAVE Conduct Trial of Ethanol-Methanol Marine Fuel

X-Press Feeders and METHANAVE have successfully conducted an operational trial involving an ethanol-methanol blended marine fuel aboard the container vessel Eco Levant in the Port of Rotterdam. The trial involved the delivery and bunkering of a marine fuel blend consisting of 10% ethanol and 90% methanol under controlled operating conditions.

Source: Hellenic Shipping News

Link: <https://www.hellenicshippingnews.com/x-press-feeders-and-methanave-conduct-operational-trial-of-ethanolmethanol-marine-fuel/>

China Railway Group Launches Major Marine Engineering Survey Vessel

China Railway Group independently launched the “Qiaoyuan Hao,” a twin-hull professional marine engineering survey vessel. The vessel can accommodate 36 personnel for onboard operations and has a self-sufficiency exceeding 60 days without frequent port calls. All core equipment achieves 100% domestic self-development, reducing operating costs by 50% compared to similar vessels relying on imported equipment.

Source: China Railway Group

Link: <https://www.crec.cn/web/xwzx61/gsyw87/2026052614021041956/index.html>

South Korea Forms Public-Private Joint Promotion Group for SMR-Powered Ships

The South Korean government is forming a public-private joint promotion organisation to accelerate the goal of commencing construction of Small Modular Reactor ships by 2035. Deputy Prime Minister for Science and Technology Lee Jong-ho announced the establishment of a “Public-Private Joint SMR Ship Promotion Group” covering the entire process of R&D, demonstration and commercialisation, with representatives from HD Korea Shipbuilding & Offshore Engineering, Samsung Heavy Industries and Hanwha Ocean attending the meeting.

Source: World Ports

Link: <https://www.worldports.org/betting-on-nuclear-powered-ships-south-korea-forms-a-national-team/>