



# ICNAME

Innovation & Cooperation in Naval  
Architecture & Marine Engineering  
Association

## Marine & Ocean Information Brief

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## ICNAME Founding Members News

### **CSSC Hudong-Zhonghua Begins Construction of World's Largest 271,000 cbm LNG Carrier for QatarEnergy**

China has commenced construction of a 271,000-cubic-metre liquefied natural gas (LNG) carrier—the largest in the world—marking a significant milestone for the country's high-end shipbuilding industry. The QC-Max class vessel is being built by Hudong-Zhonghua Shipbuilding, a subsidiary of CSSC, and is scheduled for delivery in 2028. At 344 metres long, the vessel incorporates an upgraded membrane containment system designed to increase cargo capacity while enhancing operational safety and environmental performance. With a carrying capacity of 271,000 cubic metres, the ship can transport 57% more LNG than conventional 174,000-cubic-metre vessels currently dominating the market. The vessel will maintain a daily boil-off rate of just 0.087%, helping minimise cargo losses during transit. Hudong-Zhonghua has secured orders for 36 vessels under the QatarEnergy programme, including 24 of the ultra-large QC-Max carriers. China's share of the global LNG carrier construction market has now exceeded 30%.

Source: China State Shipbuilding Corporation (CSSC)

[Link: https://www.worldports.org/china-advances-lng-shipbuilding-with-new-qc-max-carrier-project/](https://www.worldports.org/china-advances-lng-shipbuilding-with-new-qc-max-carrier-project/)

### **CSSC Delivers 115,000 dwt Products Tanker and Sends 48,000 cbm LPG Carrier on Sea Trials**

CSSC has delivered a 115,000-dwt products tanker for Dynacom and sent a 48,000-cbm LPG carrier for Greece's Benelux on sea trials, marking multiple project milestones across its shipbuilding and equipment units. The deliveries underscore CSSC's expanding footprint in the international tanker and gas carrier markets, with both vessels meeting the latest environmental and safety standards.

Source: China State Shipbuilding Corporation (CSSC)

[Link: https://www.worldports.org/cssc-delivers-115000-dwt-dynacom-tanker-as-48000-cbm-lpg-carrier-starts-trials/](https://www.worldports.org/cssc-delivers-115000-dwt-dynacom-tanker-as-48000-cbm-lpg-carrier-starts-trials/)

### **HEU Wins Award at Singapore AUV Challenge**

From May 28 to 31, HEU's South China Sea Research Institute team won second prize at the 2026 Singapore AUV Challenge held in Sanya, marking HEU's first-ever award

in this international competition. The event is Asia's largest and most influential underwater student robotics competition, attracting 27 teams from 8 countries.

Source: Harbin Engineering University (HEU)

[Link: https://english.hrbeu.edu.cn/2026/0606/c431a88994/page.htm](https://english.hrbeu.edu.cn/2026/0606/c431a88994/page.htm)

### **Strathclyde and Oldendorff Carriers to Establish Sustainable Shipping Research Centre**

Oldendorff Carriers and the University of Strathclyde are setting up a research centre for sustainable shipping at the university in Glasgow. A Memorandum of Understanding has been signed by Professor Osman Turan, Director of the Maritime Human Factors Centre at the Department of Naval Architecture, Ocean & Marine Engineering. [4†L10-L15]

Source: University of Strathclyde

[Link: https://www.worldports.org/new-research-centre-for-sustainable-shipping/](https://www.worldports.org/new-research-centre-for-sustainable-shipping/)

### **Bureau Veritas Showcases Next-Generation Remote Inspection at Posidonia with Launch of Athens Survey Centre**

Bureau Veritas Marine & Offshore introduced its latest Remote Inspection Technique centre in Athens, Greece, during a Digital Solutions Seminar at Posidonia 2026, demonstrating how BV's digital solutions reduce risk, lower costs and enhance asset value. The centre represents BV's continued investment in digitalisation and remote survey technologies for the maritime industry.

Source: Bureau Veritas (BV)

[Link: https://marine-offshore.bureauveritas.com/newsroom/bureau-veritas-showcases-next-generation-remote-inspection-posidonia-launch-athens-survey](https://marine-offshore.bureauveritas.com/newsroom/bureau-veritas-showcases-next-generation-remote-inspection-posidonia-launch-athens-survey)

### **MPA and Singapore Maritime Institute Award Funding for Fully Electric Harbour Craft**

The Maritime and Port Authority of Singapore and the Singapore Maritime Institute have awarded funding to three consortia—led by Keppel FELS, SeaTech Solutions and Sembcorp Marine—to research, design, build and operate a fully electric harbour craft over the next five years. The consortia comprise a total of 30 enterprises and research institutions. These electrification pilot projects aim to demonstrate both commercial

and technical viability of full electric harbour craft and support Singapore's broader plans to mitigate GHG emissions from the maritime transport sector. Senior Minister of State for Transport Chee Hong Tat said, "To build a sustainable hub port, we plan for the 1,600 harbour craft operating in our waters to run on low-carbon fuels. One possible solution is the electrification of our harbour craft fleet, which reduces carbon emissions and has zero pollution."

Source: Singapore Maritime Institute (SMI)

[Link: https://www.worldports.org/mpa-and-smi-award-funding-for-electric-harbour-vessel/](https://www.worldports.org/mpa-and-smi-award-funding-for-electric-harbour-vessel/)

## **Other Maritime and Ocean Engineering News**

### **Morgan Offshore Wind Farm Goes Back Out to Tender in the UK**

The Crown Estate has announced it will put the Morgan offshore wind farm site—located in the Irish Sea with a potential capacity of up to 1.5 GW—back on the market through a competitive bidding process starting next month. The entity expects to select a new developer for the project before the end of 2026. The project was initially awarded during the fourth round of offshore wind leases in 2021, but development was halted in January 2026. The project received a Development Consent Order for the wind farm in August 2025 and currently has a connection agreement with the National Energy System Operator. The Crown Estate indicated it will soon provide additional information on technical conditions, the bidding process and the planned business model.

Source: [Inspenet](#)

Link: <https://inspenet.com/en/news/morgan-offshore-wind-farm-returns-to-bidding/>

### **RWE Clears Nordseecluster A for Turbine Installation After DNV Certification**

RWE's Nordseecluster A offshore wind project has cleared a key regulatory hurdle, with DNV signing off the third milestone under the standard of Germany's Federal Maritime and Hydrographic Agency. The approval opens the way for turbine installation to begin. Nordseecluster A, made up of the NC 1 and NC 2 sub-projects, is being developed by RWE together with Norges Bank Investment Management in the German North Sea. It will use 44 Vestas V236-15.0 MW turbines for a combined capacity of 660 MW, with full commissioning expected in early 2027. The project is the first stage of the wider Nordseecluster development, which is planned to reach up to 1.6 GW across phases A and B.

Source: [BalticWind](#)

Link: <https://balticwind.eu/rwe-clears-nordseecluster-a-for-turbine-installation-after-dnv-certification/>

### **Cadeler Completes Final Turbine Installation at Sofia Offshore Wind Farm**

Cadeler has completed the installation of all 100 wind turbines at the 1.4 GW Sofia offshore wind farm in the UK North Sea, developed by Germany's RWE. The installation marks the completion of Cadeler's turbine installation campaign and the first installation project of the jackup vessel Wind Peak since her delivery in 2024.

Cadeler was responsible for the full transport and installation campaign of all Siemens Gamesa turbines at the wind farm, which will provide almost 1.2 million UK homes with their annual electricity needs.

Source: Baird Maritime

[Link: https://www.bairdmaritime.com/offshore/renewables/offshore-wind/cadeler-completes-final-turbine-installation-at-sofia-wind-farm-offshore-uk](https://www.bairdmaritime.com/offshore/renewables/offshore-wind/cadeler-completes-final-turbine-installation-at-sofia-wind-farm-offshore-uk)

### **China's Taizhou Sanfu Shipbuilding Secures Record 10-Ship Boxship Order from Global Ship Lease**

US container ship owner Global Ship Lease has placed its first newbuilding order with Taizhou Sanfu Shipbuilding for 10 x 6,200 TEU medium-sized container ships. The order breaks Sanfu Shipbuilding's container ship order record and represents the largest container vessel the yard has ever built, consolidating its leading position in the medium-sized containership segment. The 6,200 TEU vessels feature a wide-body design with optimised hull lines and propulsion systems for reduced energy consumption, along with advanced refrigerated container systems for perishable and cold-chain cargo transport. Sanfu Shipbuilding currently holds a total of 106 vessels totalling 4.08 million deadweight tons on its order book, including 50 container ships, with delivery periods extending to 2030.

Source: Taizhou News Network

[Link: https://www.tznews.cn/article/content.html?key=6a2deea778f2fcea178b456f&1anmu=XWZX&&pkey=64b7548390eb0290098b4567](https://www.tznews.cn/article/content.html?key=6a2deea778f2fcea178b456f&1anmu=XWZX&&pkey=64b7548390eb0290098b4567)

### **China's Shipbuilding Boom Drives Steel Demand as Yards Booked Through 2030**

China's shipbuilding sector continues to see strong growth, with new orders, completions and hand-held orders all rising year-on-year and international market share remaining high, effectively boosting demand for shipbuilding steel. In Nantong, Jiangsu Province, shipyard orders are booked through 2030, with vessels transitioning from traditional bulk carriers to large VLCCs and 22,000 TEU container ships. High-strength crack arrest steel—critical for large containership construction—has now achieved 100% domestic production, with prices 15-20% cheaper than comparable imported products and supply now accounting for over 2.5 million tonnes cumulatively. China's steel mills are continuously upgrading quality standards to meet the requirements of larger, more sophisticated and customised vessels.

Source: CCTV News

[Link: https://news.cctv.com/2026/06/14/ARTI2eGy9IdiNkLaTHsp2vZO260614.shtml](https://news.cctv.com/2026/06/14/ARTI2eGy9IdiNkLaTHsp2vZO260614.shtml)

### **US Forces Down Iranian Drones Targeting Commercial Ships in Strait of Hormuz**

The US Armed Forces shot down several Iranian one-way attack drones that were flying toward the Strait of Hormuz, according to a source familiar with the situation. US Central Command announced that Iran launched multiple drones in an attempt to strike commercial ships transiting the waterway, and US forces downed all of them as traffic flow through the strait continued unimpeded. CENTCOM said “the international trade corridor remains open for transit.” The incident came amid ongoing diplomatic efforts to ease tensions between Washington and Tehran.

Source: TASS / Reuters

[Link: https://tass.com/world/2145933](https://tass.com/world/2145933)

### **Oil Tanker Struck by Unknown Projectile Off Oman Coast**

The United Kingdom Maritime Trade Operations reported that a tanker was struck by an unknown projectile approximately six nautical miles east of Oman. According to a UKMTO warning notice, the tanker was hit on its port bow. The vessel’s crew were reported safe with no environmental impact, and the tanker continued to its next scheduled port of call. Security conditions in and around the Strait of Hormuz have remained tense in recent weeks amid heightened regional tensions, with UKMTO issuing multiple warnings regarding security incidents affecting commercial vessels.

Source: Xinhua News Agency

[Link: http://english.news.cn/europe/20260613/491bf26afa7f47b68fefb9da6a6ff484/c.html](http://english.news.cn/europe/20260613/491bf26afa7f47b68fefb9da6a6ff484/c.html)

### **US Navy Uses AI-Powered Drone Boat for First Combat Rescue Mission Near Strait of Hormuz**

In a landmark demonstration of unmanned maritime technology, the US Navy employed an AI-powered 24-foot Saronic Corsair autonomous surface vessel to rescue the crew of a downed Apache helicopter near the Strait of Oman—marking the first known instance of an uncrewed surface vessel being used for personnel recovery at sea. The rescue operation took place after an Apache helicopter on patrol was shot down amid escalating tensions in the Gulf region; both crew members were safely recovered.

The Corsair vessel, part of the US Navy's Task Force 59, is capable of carrying payloads of up to 1,000 pounds, reaching speeds of around 140 km/h, and became fully operational in December 2025.

Source: India Strategic

[Link: https://www.indiastrategic.in/us-navy-uses-ai-powered-drone-boat-for-first-ever-combat-rescue-mission-near-strait-of-hormuz/](https://www.indiastrategic.in/us-navy-uses-ai-powered-drone-boat-for-first-ever-combat-rescue-mission-near-strait-of-hormuz/)

### **US Drone Ship to Conduct First-Ever Hypersonic Missile Launch From Unmanned Surface Vessel**

Two US defence technology companies, Saronic and Castelion, have announced plans to launch a hypersonic missile from an unmanned surface vessel. Under the partnership, Castelion's Blackbeard hypersonic system will be integrated with Saronic's 180-foot Marauder medium unmanned surface vessel, targeting an at-sea demonstration in 2027. Saronic is carrying out a \$300 million expansion of its shipyard in Louisiana, which will add 300,000 square feet of production space and allow the facility to build up to 20 Marauder vessels annually. The Marauder entered on-water trials in late May and is designed to carry payloads of up to 150 metric tons.

Source: Marine Insight

[Link: https://www.marineinsight.com/180-foot-us-drone-ship-to-conduct-first-ever-hypersonic-missile-launch-from-unmanned-surface-vessel/](https://www.marineinsight.com/180-foot-us-drone-ship-to-conduct-first-ever-hypersonic-missile-launch-from-unmanned-surface-vessel/)

### **Hanwha Ocean Secures KRW 800 Billion Order for Four Vessels**

Hanwha Ocean has secured an order worth approximately KRW 800 billion (\$637 million) for the construction of four vessels. The order sent the company's shares rising 4% following the announcement. Further details on the vessel types and owner were not immediately disclosed.

Source: MarketScreener

[Link: https://www.marketscreener.com/news/hanwha-ocean-bags-krw800-billion-order-for-four-vessels-shares-rise-4--e2c8f36c2f5f6d9a](https://www.marketscreener.com/news/hanwha-ocean-bags-krw800-billion-order-for-four-vessels-shares-rise-4--e2c8f36c2f5f6d9a)