

# SHIN KURUSHIMA DOCKYARD CO., LTD.



Leveraging Japan's largest shipbuilding network to build a diverse range of vessels: Expecting to draw on broad capabilities in new construction and maintenance/repairs to expand into offshore wind power generation

Assumed field

Foundation Manufacturing(Floating) > Floating Structures Vessels > Offshore Support Vessel Shipbuilding / Ship Repair



## Taking on the challenge of environmentally conscious shipbuilding to support the next generation of the maritime industry

Shin Kurushima Dockyard leverages Japan's largest network of production bases centered in the Seto Inland Sea to contribute to global logistics through the construction of a diverse range of specialized vessels ranging from bulk carriers to car carrier ships and chemical tankers. Operating in new shipbuilding, ship maintenance/repair, marine products, and technical design, the company has satisfied every type of client demand with reliable technical expertise based on its extensive experience.

**Capable of building up to 150,000-t vessels, the company's Onishi Shipyard is one production base maintained by the Group, out of six new-construction shipbuilding bases and nine docks in all. Maintenance/repair facilities comprise five bases and nine docks. Shin Kurushima**

**Dockyard leverages state-of-the-art rationalized facilities and advanced technologies throughout all processes from design to construction to build a diverse range of high-quality vessels.** With a world-class cumulative Group construction record of 3,066 vessels (as of March 2024), the company has also commenced building LNG-fueled ships that contribute to the reduction of greenhouse gas emissions, aiming for shipbuilding that connects to a future aligned with the SDGs. **In the offshore wind power generation field, the company is exploring the potential for constructing floating structures as well as building and repairing/performing maintenance on related working ships.**

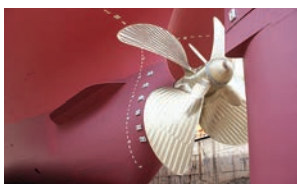
### Technical Achievements and Case Studies

#### Japan's First Large LNG-Fueled Car Carrier Ship



The first large LNG-fueled car carrier built at a shipyard in Japan has been recognized with the Japan Society of Naval Architects and Ocean Engineers' Ship of the Year 2020 award. The large ship, approximately 200 meters in length, capable of carrying about 7,000 vehicles, is equipped to use LNG fuel, achieving a reduction of CO<sub>2</sub> emissions of over 40% compared to 2008 levels.

#### Technical capabilities enabling the construction of a diverse range of ships



Handling a broad range of ship types from large to small, the company holds the largest number of patent applications for a mid-sized shipyard. Taking on the challenges of technological development from a variety of perspectives, including energy-saving bow structures, ship block structures offering improved workability, and tunnel fins delivering reduced resistance to date, the company submitted applications for 451 patents between January 1, 1993 and April 30, 2024.

### Main Equipment and Machinery [Specification / Unit]

- Manufacturing Facilities: The Group operates six new shipbuilding yards (Onishi, Hiroshima, Hashihama, Toyohashi, Kochi, and Mizushima).
- Onishi Shipyard (Imabari City, Ehime Prefecture): Dry Docks / 3 units (maximum 367m × 47m × 10m, plus two additional docks), 300-t cranes / 6 units
- Cranes: The Group is equipped with large cranes capable of lifting from 10t to 1,200t.
- Press Machines: The Group is equipped with press machines capable of pressing steel plates up to approximately 3,000t.

### Company Information

Business: Shipbuilding, Repair and Dismantling of Various Vessels; Manufacture and Repair of Marine Equipment and Other Machinery  
 Location: 945 Shinmachi Ko, Ohnishi-cho, Imabari, Ehime Prefecture, 799-2293, Japan  
 Established: May 1987 Capital: 1,737.5 million yen Employees: 810  
 Representative: President Katsushi Mori Offices: Imabari, Tokyo, Osaka, Fukuoka  
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