

# Onomichi's maritime industries

The Maritime City of Onomichi is home to many corporations related to the maritime industry, including shipbuilding companies, marine equipment manufacturers, and shipping companies. Within the shipbuilding category, there are companies that construct oceangoing and domestic ships, as well as repair yards, and marine manufacturers offer a wide variety of parts and equipment to be installed on ships. There is also brisk activity by both oceangoing and coastal shipping companies. Here, we will introduce some of the maritime corporations that make up the Maritime City of Onomichi.

## Shipbuilding

Many of Onomichi's shipbuilding companies have a long history, and each region and island has unique characteristics. Near downtown Onomichi, Onomichi Dockyard has a shipyard near the coastline. Concentrated in the north of Mukaishima are many small and midsize shipyards, including repair yards and shipyards that are dedicated to the construction of ships for coastal shipping. East from Mukaishima, there are also shipyards in Urasaki. There are also concentrations of yards in Innoshima, namely in Habu-cho in the southeast and in Shigei-cho in the northwest. In Ikuchijima, there is a shipyard in Setoda-cho. Here is an introduction of Onomichi's major shipyards.

[Our forte is in specialized passenger ship construction](#)

## Ishida Shipbuilding

Established in 1923. This yard has constructed tankers, cargo ships, tugboats, and remote island ferries in the past, but after the construction of the Susquehanna, a black cruise ship, in 1998, the company began its full-fledged move toward the construction and development of specialized cruise ships. In recent years, it has also constructed high-speed ships capable of more than 40 knots. In terms of ship repairs, it deals mostly with government ships, but has experience with a wide variety of ships. It implemented a ten-year plan in 2001 under which Y1 billion would be made in facility investments, including the expansion of its building berths and upgrading its cranes. It received orders for a total of 11 trawlers from the Miyagi Fishermen's Union, whose members were affected by the Tohoku earthquake and tsunami. Next year will mark the 90th

year of business for the company. President Masanori Ishida has stated his aspirations,



saying, "Our aim is to continue to create truly unique ships forward so that we can be proud of our name, 'Ishida Shipbuilding, constructor of specialized passenger ships'." The yard was also used as a shooting location for NHK television serial drama 'Teppan'.

Photo caption

Main shipyard of Ishida Shipbuilding

### **Ishida Shipbuilding Co., Ltd.**

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### **Product tanker specialist**

## **Onomichi Dockyard**

Onomichi Dockyard, established in 1943, and marks its 70th year in business next year. Its the production hub for its shipbuilding operations, its core business, located in Onomichi-City, and its production output per unit of area at its site is amongst the world's top companies. It is strongest areas, in product tankers that carry mainly refined oil products, and currently constructs ten 50,000-dwt-class chemical / product carriers, which is called "MARK IV" series, per year. Also constructs 37,000-dwt-class box-shaped bulkers at group shipyard Saiki Heavy Industries (SHI), Onomichi Dockyard builds high quality ships with their knowledges and technologies, and is working to establish "Onomichi Brand" so that it can continue to deploy new high-value added ship types that match the needs of the market. Its basic position is its management principle that the customer comes first, and its aim is to become a company trusted both locally and by society at large through smart management that places importance on its local roots.



Photo caption  
Onomichi Shipyard

### **Onomichi Dockyard Co., Ltd.**

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### **The almighty dedicated repair yard**

## **Sanwa Dock**

Sanwa Dock was established in 1961 as Daiichi Senpaku Giso and adopted its current name in 1970 in conjunction with its expanded business menu. In addition to cargo ships and tankers of 10,000-grt and smaller, the company also handles repairs for a wide variety of ships, including cement carriers and ships with specialized installations, such as chemical tankers and LPG carriers. It has three docks it uses as repair facilities, as well as moorage piers over seven hundred meters in total. It repairs approximately 360 ships per year, two-thirds of which undergo works at its docks. For the future, Sanwa Dock will expand its facilities and prowess in foundation technologies in order to quickly react to changes in the shipping industry environment, like e.g. the ballast water management treaty. Through hiring more staff and upgrading the sizes of its



facilities, the company hopes to contribute to its region's development as an almighty repair yard that is capable of dealing with the shipping industry's wide variety of needs.

Photo caption  
Main shipyard of Sanwa Dock

## Sanwa Dock Co., Ltd.

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**Its core business is repair and conversion works for commercial and naval ships**

## Japan Marine United Innoshima Works

Japan Marine United (JMU), a leading shipbuilding company in Japan, was formed through the merger of Universal Shipbuilding and IHI Marine United, has started afresh in January 2013. The main shipyard of Hitachi Zosen for many years and the specialized ship repair yard of Universal Shipbuilding, Innoshima Works combines advanced technology and extensive experience accumulated in the repair and conversion of all kinds commercial and naval ships. The yard has a total area of 148,000 sqm, which it uses to repair approximately 70 ships each year. It deals mainly with PCTCs, bulk carriers, naval ships, government ships, and workboats for a variety of purposes. It has three docks and four piers for repair and conversion. It has also invested in installation of an additional auto shifter for painting and dock-gate renewal. In order to satisfy customer demands, JMU provides high quality services going forward



Photo caption

Innoshima Works

## Japan Marine United Corporation Innoshima Works

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## Constructing high-speed aluminum ships

# Tsuneishi Facilities & Craft

When Tsuneishi Holdings was split up in 2011, three of its operations survived, namely crafts, lifeboats, and construction. Its craft operation, which is its core business, handles aluminum high-speed ships and other vessels, and has thus far constructed approximately 70 ships. In terms of news for 2012, the 180-grt double-hull passenger ship Awaline Kirara constructed for Awashima Line was awarded 'Ship of the Year 2011' in the small passenger ship category. More recently, the company has developed and constructed an electric propulsion ship that uses lithium ion batteries as its main power source, which it is currently operating in Osaka. As part of its efforts to support reconstruction in the Tohoku region, it has established a new aluminum ship construction company called TFC in Yamada-cho, Iwate prefecture, the yard for which



reached completion in October. It has taken on students locally from the town for training, and is providing support in an effort to restore its independence.

Photo caption

'Ship of the Year 2011' award winner  
Awaline Kirara

## Tsuneishi Facilities & Craft Co., Ltd.

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## Highly evaluated for its energy-saving equipment

# Naikai Zosen

Naikai Zosen is a shipyard that was formed through the merger of Setoda Shipbuilding and Takuma Shipbuilding in 1972. In 2005, it absorbed Nichizo IMC, turning it into its Innoshima yard, which has become a core yard alongside its Setoda shipyard, and has engaged in repair work and ship construction. It constructs mainly cargo ships, containerships, PCTCs, product tankers, RORO ships, and ferries, and in terms of

conversion and repair work, it handles a variety of ship types, including warships. Using a blend of cutting edge technology created through sophisticated research and development, and technical skills cultivated through its experience-rich traditions, it constructs high-quality ships to meet a variety of needs. Recently, it has been receiving high evaluations from customers from the increased usage of its energy-saving 'STEP'



device in an effort to reduce CO2 emissions from ships.

Photo caption

Jupiter Spirit – A fuel-efficient ship  
Naikai Zosen constructed

### Naikai Zosen Corporation

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### Repairing more than 300 ships per year

## Mukaishima Dock Yard

Since its inception in 1929, Mukaishima Dock Yard has dealt in the repair business for coastal ships that engage in domestic marine transport in Japan. It repairs approximately 300 ships each year, and it's a leading company in Japanese ship repair industry.

It repairs most ship types, including cargo ships, tankers and chemical tankers, and also deals with more specialized ships such as patrol boats for Japan Coast Guard and coastal LNG carriers. In addition to three dry docks, its yard also has one floating dock. Based on the technology and know-how it has cultivated through its repair operations, joining technology of different fields, it is making efforts to tap into new business categories. In 2010, it constructed and launched "HYPER ECO", Japan's first electric propulsion ship for steel transportation and started the shipping industry as a shipowner.



Photo caption

Main shipyard of Mukaishima Dock Yard

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