

# BLUE WIND a Jack-Up Vessel (JUV) 78

Contents By Builder By Ship Type



Japan Marine United Corporation (JMU) delivered the “BLUE WIND”, a Jack-Up Vessel (JUV), to Shimizu Corporation, a general contractor in Japan, at the Kure Shipyard on January 31, 2023. The BLUE WIND is one of the world’s largest class of JUV

## Features

1. The basic design of the BLUE WIND was developed by

GustoMSC, an offshore engineering company in the Netherlands. JMU is in charge of the detailed design and construction of the vessel.

2. The vessel is equipped with the dynamic positioning system (DPS) to maintain the vessel position automatically.
3. The jacking-up legs are 92 meters long, and the vessel is applicable to water depths of up to 45 meters. The

- world's largest class 2,500-ton crane with telescopic boom that is extensible up to 158 meters, which allows installation of a 15 mega-watt class wind turbine.
4. The living quarters of the BLUE WIND can accommodate 130 people and are provided with a recreation room and theater for more comfortable long-term offshore life.
5. JMU will contribute to conservation of the global environment by supporting carbon neutrality in the year 2050. JMU's experience in shipbuilding and offshore structures will help to construct JUVs as well as pursuing the business related to offshore floating wind power generation.

## PRINCIPAL PARTICULARS

Long .....	142.0 m
Wide .....	50.00 m
Depth .....	11.0 m
Gross tonnage .....	23,539
Speed, navigational .....	11 knots
Complement .....	130
Classification .....	NK
Registry .....	Tokyo, Japan
Propulsion system .....	Azimuth thruster 3,800 kW x 3 units Thruster Elevating-type azimuth thruster 3,200 kW x 1 unit Tunnel thruster 3,200 kW x 2 units
Power generators .....	4,630 kW x 4 units, 1,425 kW x 2 units
Jacking-up system .....	Rack-and-pinion (electric power drive type) Legs 92 m long x 4 legs
Main crane .....	Telescopic/revolving type crane
Max. hoisting capacity .....	2,500 t (boom contracted) 1,250 t (boom extended)