



## Naniwa 5

<b>SERVICE:</b>	Passenger Ferry
<b>LOCATION:</b>	Osaka, Japan
<b>LENGTH:</b>	25.44 metres [LOA]
<b>BEAM:</b>	4.90 metres
<b>DISPLACEMENT:</b>	54 tonnes unladen
<b>CONSTRUCTION:</b>	Steel
<b>SPEED:</b>	9 knots
<b>PAYLOAD:</b>	102 Passengers & 3 Crew
<b>WATERJETS:</b>	Twin HamiltonJet Model HJ364
<b>ENGINES:</b>	Twin Yanmar 6CXBP-GT - 331kW (443hp) @ 2700rpm
<b>DESIGNER:</b>	Mokubei Shipyard, Shiga, Japan
<b>BUILDER:</b>	Mokubei Shipyard, Shiga, Japan
<b>OWNER/OPERATOR:</b>	Osaka Suijo Bus, Osaka, Japan
<b>HJ DISTRIBUTOR:</b>	Tominaga & Co Ltd, Japan

### MANOEUVRABILITY

### SHALLOW DRAUGHT

### EFFICIENCY

This vessel is used for cruising on the river around Osaka City mainly in calm conditions. The vessel's cabin roof can be lowered and raised by motor driven mechanical gear for navigation under the low bridges in Osaka. The waterjet propulsion provides increased manoeuvrability and reduced life cycle cost with fuel savings.

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