



"Yunagi" - Osaka Fireboat

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| SERVICE: | Fireboat |
| LOCATION: | Osaka, Japan |
| LENGTH: | 19.95 metres [LOA] |
| BEAM: | 5.00 metres |
| DRAFT: | 2.0 metres |
| CONSTRUCTION: | Aluminium |
| DISPLACEMENT: | 42 tonnes |
| PAYLOAD: | 11 Firefighters + 3 crew |
| SPEED: | 22 knots |
| WATERJETS: | Twin HamiltonJet Model HM521 |
| ENGINES: | Twin Caterpillar C18 ACERT diesels - 651kW (870hp) @ 2200rpm |
| GEARBOXES: | ZF 550TS - two speed |
| DESIGNER: | Shipbuilding Research Centre of Japan, Musashino City, Tokyo, Japan |
| BUILDER: | Setouchi Craft Co, Onomichi City, Hiroshima, Japan |
| OWNER/OPERATOR: | Osaka Municipal Fire Department, Osaka City, Japan |
| HJ DISTRIBUTOR: | Tominaga & Co Ltd, Osaka, Japan |

MANOEUVRABILITY

SHALLOW DRAUGHT

JOYSTICK CONTROL

An adjustable mast tower and twin ballast tanks allow firefighters to lower the height of Yunagi in order to safely pass under low bridges along Osaka City's river system. The MECS manoeuvring joystick gives excellent control in confined waterways during rescue and firefighting operations, while two-speed gearboxes allow the fire pumps to be driven from the front of the engines while retaining sufficient power to the waterjets for manoeuvring thrust.

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