CASE STUDY

NAMJet

WATERJET	TJ431HH X 2
ENGINE	YANMAR 6LY3-STP x 2 440HP (324KW)@3300RPM
GEARBOX	ZF280-1, 3.0:1
VESSEL	11.9M (39FT) L.O.A 10.5M (34FT) W.L.L. 3.5M (11.5FT) BEAM 9.1 TONNES TEST WEIGHT
PERFORMANCE	35.0 KNOTS 4.3 TONNES STATIC BOLLARD PULL

MARITIME PARTNER MP1111 FRDC TWJ FAST RESCUE DAUGHTER CRAFT

The MP1111 FRDC TWJ is an all-aluminum, 22 degree deadrise, monohedran. The vessel is designed for maximum crew safety, and is self-righting. Additionally, the MP1111 FRDC TWJ is built to comply with MSA regulations, as well as The Norwegian Maritime Directorate's requirements for Fast Rescue Craft for Offshore units. Response speeds of 30kts are desired for fast rescue operations, however high thrust at low speed is mandatory for multi-mission towing functions. The vessel is also equipped with a single point lifting frame for safe launch and recovery from a mothership.

For this project the **NAMJet TJ431HH waterjets** were specified to provide exceptionally high thrust at speeds up to 35 knots. The mass flow design of NAMJet waterjets provide high thrust at low operating rpms, ensuring cavitation free performance at all speeds…*unmatched in the industry.*

Additionally, because **NAMJet waterjets** are fabricated of aluminum plate, we were able to accommodate the narrow beam of the MP1111 FRDC TWJ, by providing **twin NAMJet TJ431HH jets** into our popular "Twin-Pak" configuration, where we fabricate twin jets into a 22 degree deadrise hull form, as a weld-in insert.