

# OCEAN $\alpha$

## Fire Conqueror Uncrewed Fire Fighting Vessel

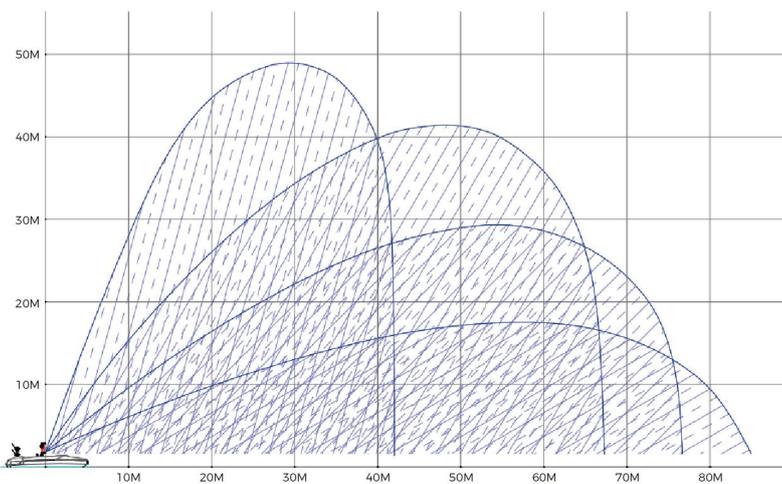
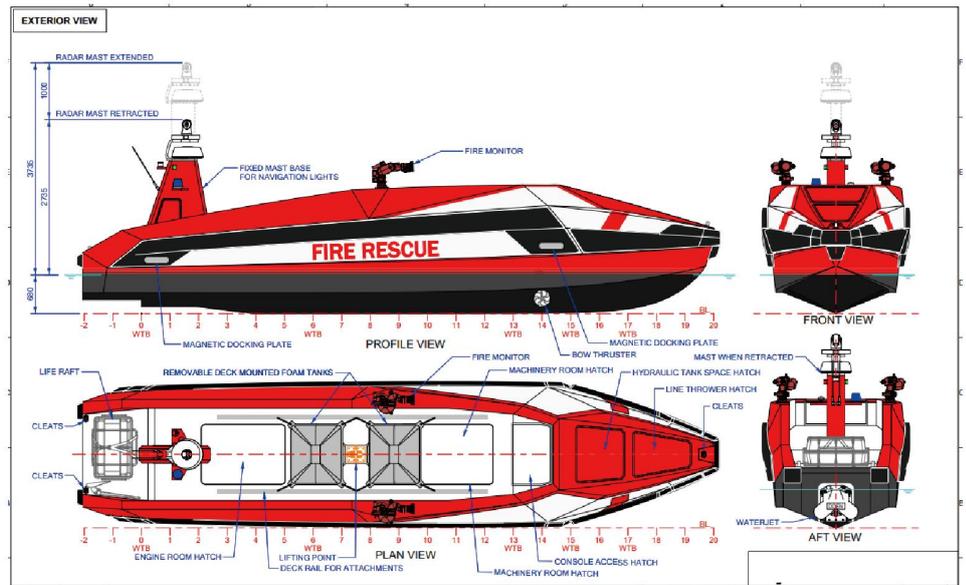


**Marina**  
**Coastal waterway**  
**Ports**  
**Oil facilities**  
**Land wildfires**  
**Fleet fire fighting**

The Fire Conqueror is a 24/7 autonomous uncrewed fire fighting vessel conceived with fast response in mind. With independent berth departure and collision avoidance route navigation, the Fire Conqueror transits faster and safer to the fire location. The dynamic positioning and monitor aim-point correction enhances fire fighting effectiveness with minimal operator interventions.

# SPECIFICATIONS

Length	11.8 m
Beam OA	2.4 m
Draft	0.80 m
Displacement	8.6 tonnes
Engines	1 x Cummins QSB6.7 550 hp propulsion and 1x fire pump
Drive	1 x Doen DJ142 Waterjet
Thruster	1 x Vetus 330 kgf electric bow thruster BOWB330
Gearbox	ZF 280-1
Stabilisation	Gyro Quick MC2 X7
Max. Speed	35 kn Zipwake 450S interceptor
Fuel Capacity	600 litres
Range	200 NM
Fire Pump	1x Darley 3000 gpm
Fire Monitor	2 x Elkhart EXM2 7400 @ 2500 gpm +/- 30 degree firing arc
Sensor	1 x Simrad radar HALO24 1 x Lidar AT128 1 x Electro optic Day IR 1 x ClearCam 360 1 x GNSS Vectornav
Comms	Starlink 4G/5G LTE mobile 1.4 G broadband radio
HVAC	Centek Delta-T demisters with fire damper A60
Fire Extinguishing	StatX Aerosol
Class	BV USV Fifi



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