

# MTSL Bittern

## 23m BV Class Vessel



## Vessel details

<b>Name</b>	MTSL Bittern	<b>Propulsion system</b>	
<b>Type</b>	23m BV Class Vessel	<b>Main engines</b>	2 x Caterpillar C32 'C Rating'
<b>Year of build</b>	2015	<b>Total Power</b>	2 x 970 kW (2 x 1319 hp)
<b>Builder</b>	Alicat Workboats	<b>Gearboxes</b>	2 x Twin Disc MGX6620A
<b>Classification</b>	BV 1 - Hull - MACH Wind Farm Service Sea Area 3	<b>Propulsion</b>	Fixed pitch propulsion
<b>Flag</b>	UK, MCA Workboat Code, Category 1 MGN280(M)	<b>Performance</b>	
<b>Construction</b>	Aluminium	<b>Speed (max)</b>	27.5 knots (450 litres/hr)
<b>S/structure mounting</b>	Welded	<b>Speed (high)</b>	24 knots (400 litres/hr)
<b>Displacement (lightship)</b>	50 tonnes	<b>Speed (low)</b>	22 knots (350 litres/hr)
<b>Dimensions</b>		<b>Capacities</b>	
<b>Length overall</b>	23.29m	<b>Fresh water</b>	1,000L
<b>Beam</b>	6.5m	<b>Black water</b>	500L
<b>Draft</b>	1.8m	<b>Fuel oil</b>	8,500L
<b>Depth</b>	2.4m	<b>Max deck load</b>	1.5 tonnes/m <sup>2</sup>
<b>Accommodation</b>	12 x Seat Saloon, 2 x Crew Cabins, Galley/Mess, 1 x Heads, 2 x Seat Bridge	<b>Deck cargo</b>	10 tonnes
		<b>Foredeck</b>	21m <sup>2</sup> / 5 tonnes
		<b>Free workdeck area</b>	60m <sup>2</sup>

# Vessel details

Crew <3 persons  
 Industrial personnel <12 persons

## Electrical equipment

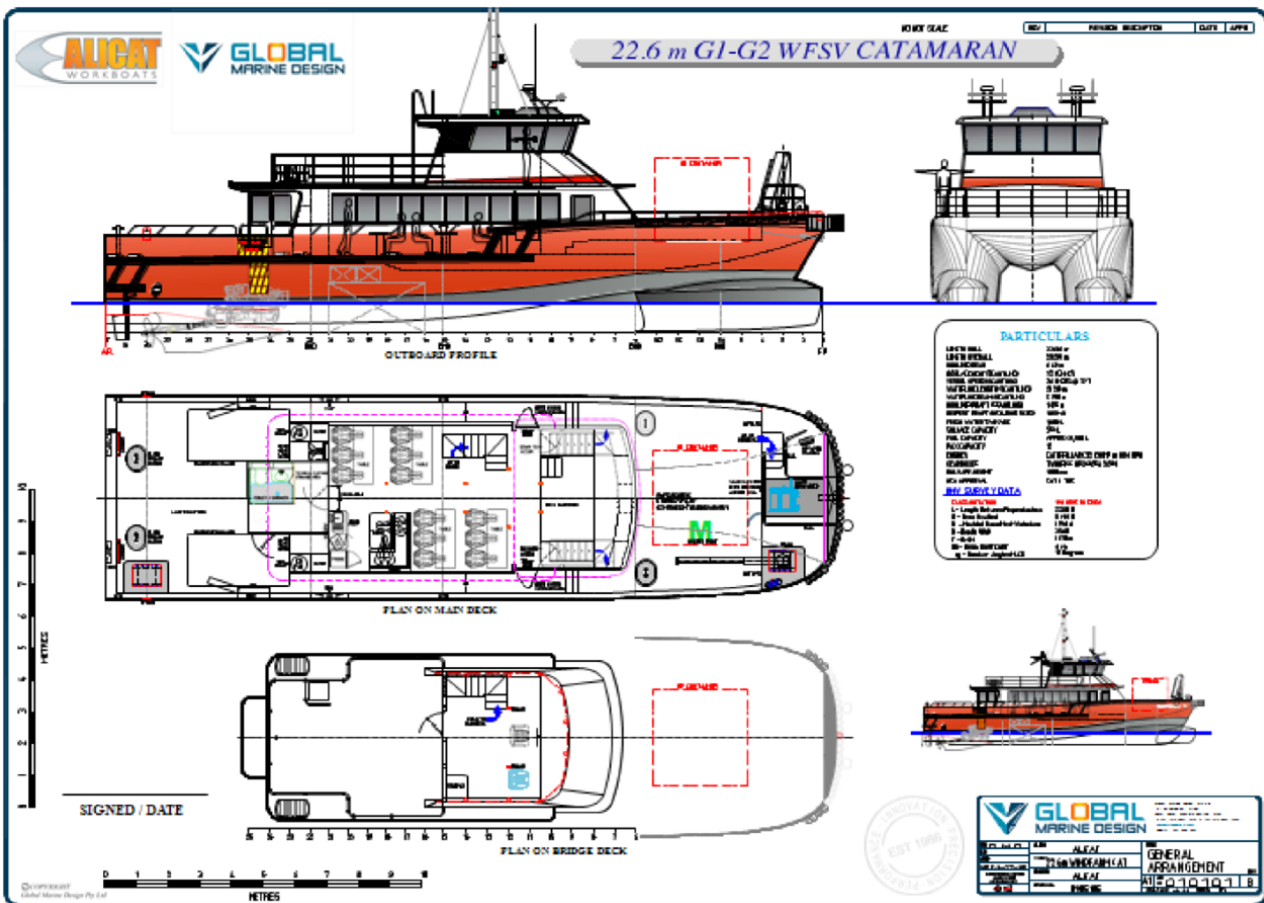
Network 24V DC, 230V 50 Hz AC  
 Generator set 1 x 17.5 kW, 1 x 6.5kW

## Deck layout

Anchor equipment 1 x 40kg Bruce with chain and line, AAW-110 winch  
 Bow fendering 6" rubber 'D' fender  
 Deck crane Bonfiglioli P5000L  
 Mob recovery system Ship mounted davit and fibreflight cradle

## Safety equipment

Life buoys 3  
 Life jackets 17  
 Life rafts 2 x 16 persons  
 Firefighting Stat-X Fixed Fi-Fi system in engine rooms  
 Portable hand operated Fi-Fi in other areas



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