

# 'GREEN BELAIT'

## SARAWAK SLIPWAYS DELIVERS COMBINATION OSV AND OIL RECOVERY VESSEL



Sarawak Slipways of Malaysia has recently delivered the offshore support vessel 'Green Belait' to owner Sea Warrior.

Constructed entirely of steel, the vessel displaces 1,685 tonnes when fully loaded. She measures 51 metres in length overall, with a beam of 13.8 metres, a draught of 3.5 metres and a depth of 4.5 metres.



The 'Green Belait' was constructed under survey to ABS and features the notations + A1, OSR-S1, Offshore Support Vessel, + AMS, and CRC

Designed by Wärtsilä Ship Design and registered to the Brunei port of Muara, the vessel also features significant oil recovery capabilities and will be able to provide swift spill response capabilities to the region's offshore oil and gas industry.

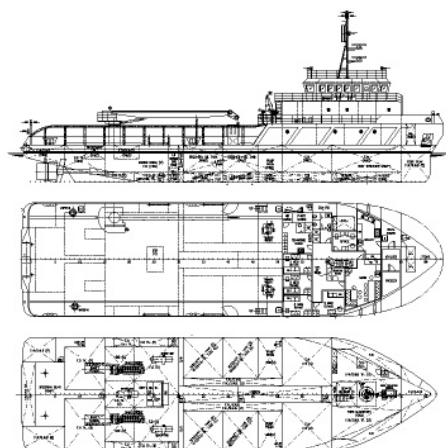
The 'Green Belait' has been fitted with a power train supplied primarily by Cummins. This comprises twin KTA50-M2 engines, each rated for 1,193kW, and three Cummins generators for on board electrics. The engines are coupled to Twin Disc gearboxes and drive a pair of fixed-pitch propellers. For added manoeuvrability, a four-tonne Schottel side thruster has also been installed, as well as a Nufoss steering system.



The vessel's side profile is dominated by a five-tonne deck crane, which has a reach of 16 metres

The vessel's deck machinery package was supplied by Singapore-based technology and equipment group Jebesen and Jessen. This package comprises a six-tonne hydraulic windlass/mooring winch, two five-tonne vertical capstans, two ten-tonne tugger winches, and a five-tonne deck crane. Classified to the American Bureau of Shipping, the vessel has a maximum speed of 13 knots and a cruising speed of 12.5 knots.

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### 'Green Belait'

#### SPECIFICATIONS

Type of Vessel:	Oil recovery vessel/OSV
Classification:	ABS
Port of registry:	Muara
Flag:	Brunei
Owner:	Sea Warrior, Brunei
Designer:	Wärtsilä Ship Design, Singapore
Builder:	Sarawak Slipways, Malaysia
Construction material:	Steel
Displacement:	1,685T (fully loaded)
Deadweight:	868T
Tonnages:	911GRT; 273NRT
Length overall:	51.0 metres
Beam:	13.8 metres
Draught:	3.5 metres
Depth:	4.5 metres
Main engines:	2 x Cummins KTA50-M2; each 1,193kW
Gearboxes:	2 x Twin Disc MG5506
Propulsion:	2 x FPP
Generators:	3 x Cummins QSB7-DM; each 187.5kVa
Side thruster:	4T Schottel ZP500
Steering system:	Nufoss NS 2 2.5-35-pp2/2.5Tm
Maximum speed:	13 knots
Cruising speed:	12.5 knots
Deck equipment supplied by:	Jebesen and Jessen, Singapore
Windlass/mooring winch:	6T
Capstans:	2 x 5T vertical capstans
Tugger winches:	2 x 10T
Deck crane:	5T SWL w/16m reach
Rescue boat:	Narwal SV-420
Fuel capacity:	257.8m <sup>3</sup>
Freshwater capacity:	367.8m <sup>3</sup>
Accommodation:	22
Crew:	12
Passengers:	10

