



SMV-13732M

## Heavy Deck Spill Response Vessel

The Heavy Deck Spill Response Vessel is an adaption of Crowley's Heavy Deck Cargo Carrier for service as a Command and Control Vessel for responding to a significant oil spill response. The vessel is designed to accommodate a wide range of response and recovery equipment, with the ability for equipment change out depending on local conditions. The vessel has significant tankage for fuel and water, as well as storage of recovered oil. Main deck is strengthened to enable high point loads, and is designed for a deck loading of 10mT/square meter. The vessel is designed for operations world-wide, and is designed to meet Polar Class 7, ABS Class A0 requirements for operations in Arctic waters.

The vessel's main propulsion is diesel electric, with two bow thrusters forward and a pair of azimuthing stern drives aft. The vessel is fully capable of being classed as a DP2 vessel, and can be fitted with a variety of fire fighting modules.

Nominally able to berth up to 100 crew and responders, the crew's accommodations can be adjusted to suit the particular client requirements, and includes lounge, offices for the ship's crew as well as the Charterer, and outside staterooms each with individual heads. A dedicated Hospital is provided, capable of handling up to two individuals at a time. Bridge is open and spacious with separate consoles for ship handling and winch controls aft, a DP console and sufficient room for installation of Charterer's equipment module.



# Vessel Specifications

## Overall Dimensions

Length	137.2 m (450')	Recovered Oil	15,900 cubic meters
Breadth	32 m (105')	Propulsion	Diesel-Electric drive
Depth	9 m (29'-6")		2 x Schottel SRP 1515 Azimuthing stern drives, each rated at 3000 kW
Capacity	3500mT DWT		2x Schottel Model STT 5 Bow Thrusters, each rated at 1500 kW
Fuel Oil	2,555 cubic meters	Electrical System	4 x MaK 6M32 diesel gen-sets, each rated at 3165 kW
Fresh Water	795 cubic meters		1 x CAT C18 aux gen rated at 500 kW
Speed	13 Knots at 85% MCR		1 x CAT C97 emergency gen rated 150 kW

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