



HYBRID OIL SPILL RESPONSE VESSEL

VESSEL DETAILS

Owner	Port of Bergen - NORWAY
Year Built	2021
Length (LOA)	14.99m - 49.10ft
Beam	4.90m - 16.0ft
Construction	Aluminium
Ship Designer	Maritime Partner, NO
Shipyard	Maritime Partner, NO
Engines	Diesel 380kW @ 2300rpm e-Motors 37kW
Class	DNV

HAMILTONJET SUPPLY

Propulsion	2 x HJ241 waterjets
Control System	blueARROW propulsion control system
Hybrid System	Integration support with Hybrid system

PARALLEL HYBRID SYSTEM

A DNV-classed hybrid-powered landing craft that has also been configured to perform towing, personnel transport, search and rescue, oil spill response support, and maintenance of port installations.

Two 110kWh batteries from Corvus Energy will be used whenever the boat sails in the port's inner harbour area and especially near quays, areas which require operations with reduced levels of both pollution and noise.

The twin 380kW diesel engines will meanwhile be used when further out in the fjords off Bergen, where higher operating speeds and a longer range are necessary. The batteries are connected to two Oemer LQ 132p 37kW electric motors while the diesel engines supply power to a pair of Hamilton HJ364 waterjets with Blue Arrow steering.