

# Frøyanes

## Shrimp trawler and crab catcher



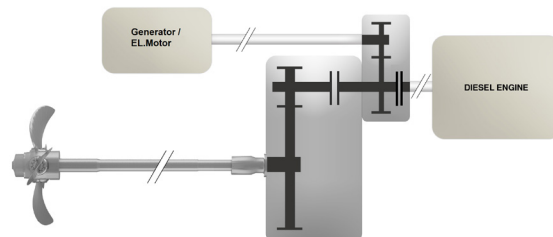
Illustration: Marin Teknikk, Norway

### VESSEL INFORMATION

Owner	Ervik Havfiske AS, Norway	
Shipyard	Tersan Shipyard, Turkey	
Hull Number	1118	
Year Built	2023	
IMO Number	TBD	
Ship Design	Marin Teknikk AS, Norway	
Class	DNV Ice 1B / Hull and nozzle Ice 1A*	
Engine	Diesel Engine	
Type: Wärtsilä L9W32	Power 5220 kW	RPM: 750
El motor PTI mode:	1700 kW	RPM: 1200

### BRUNVOLL SUPPLY

Reduction Gear	ACG 950 PF700CK-1
PTO / PTI	PF 700 with engine release clutch
Propeller System	ECP 115/4, 3900 mm Ø
Nozzle	19A
Control System	BruCon Propulsion and Thruster Control
Thrusters	Bow: FU63 LTC 1750 - 600 kW Stern: FU63 LTC 1750 - 600 kW



### Diesel Mechanical Hybrid Propulsion

This is a diesel-mechanical/hybrid propulsion system with PTO/PTI. The main engine runs the propeller via the reduction gearbox, while also delivering energy by the PTO (power take out) to the vessels power distribution. The PTI (power take in) is designed for fuel efficient electric operation in low speed operation mode.

This configuration is a robust, fuel efficient and flexible system, with high redundancy.