

# Odd Lundberg

## Pelagic Trawler / Purse seiner

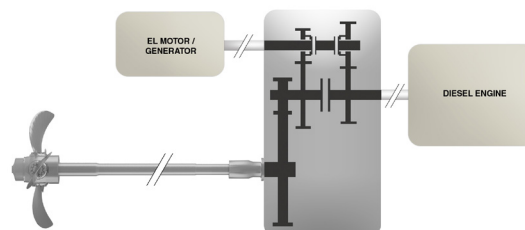


### VESSEL INFORMATION

Owner	Odd Lundberg AS, Norway		
Shipyard	Karstensens Skibsværft AS, Denmark		
Hull Number	#444		
Year Built	2019		
IMO Number	9840051		
Ship Design	Karstensens Skibsværft AS, Denmark		
Class	DNV Ice C		
Engine	MAN		
Type: 6L32/44CR	Power: 3600 kW	RPM: 750 (50-60Hz)	
El motor PTH mode,	Power: 1500 kW	RPM: 1200	

### BRUNVOLL SUPPLY

Reduction Gear	ACG 980 2-speed / 6,25:1		
PTO / PTH	PS750, PTO:2700 kW, PTI:1500 kW (boost)		
Propellers	CP95, 4200 mm diameter, 120/90 rpm		
Nozzle	Brunvoll HE Nozzle		
Tunnel Thruster	Bow: FU63 LTC 1750, 950 kW Stern: FU63 LTC 1750, 950 kW		
Control System	Brunvoll Propulsion & Thruster Control		



### 2-speed Hybrid Propulsion

The 2-speed Reduction Gearbox is a fully integrated system to provide the option for two steps of different propeller speeds in a diesel mechanical or hybrid configuration.

In step one the propeller is running at high rpm at full speed from the diesel engine. Step two is designed for an operation mode demanding reduced energy to the propeller. In step two the available power is divided between the propeller and the PTO unit for utilisation at other consumers.

This propulsion system is also designed for boost mode and for electric propulsion as one of the main working conditions.

A hybrid system configuration is a fuel efficient and flexible system, with high redundancy. The zero-pitch loss is reduced to a minimum, and the vessel can achieve considerable fuel saving.