

# Greg Mortimer

## Expedition Cruise Vessel



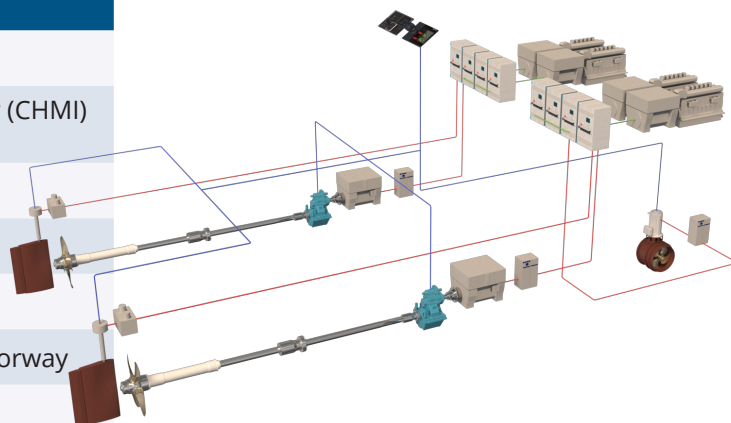
### VESSEL INFORMATION

Owner	SunStone Ships Inc, USA
Shipyard	China Merchants Heavy Industry (CHMI) Co Ltd, China
Hull Number	CHMI-196-1
Year Built	2019
IMO Number	9834648
Ship Design	Ulstein Design & Solutions AS, Norway
Class	BV Ice 1A (Ship PC6)
Main Engine	Wärtsilä Diesel Engine (Gen.set)

Type: Electric Motors Power 2x 2200 kW RPM: 1000

### BRUNVOLL SUPPLY

Reduction Gear	AG600 / 5.0:1
Propeller	CP85, 3100 mm diameter, 30-140 rpm
Tunnel Thruster	1x FU63 LTC1750 - 880 kW
Control System	Brunvoll Propulsion, Thruster and Steering Gear Control
Rudder	Van der Velden Atlantic rudder Commander Rotary Vane steering gear



## Diesel Electric Propulsion

A Diesel Electric system is a flexible and efficient solution for a wide and varied range in propulsion power.

The propellers are driven by electric motors via a reduction gearbox, where the power is then delivered from the vessel's electric supply system.

The most efficient solution is achieved through a variable rpm from the electric motors to ensure that the propeller has optimised working conditions throughout the entire power range.