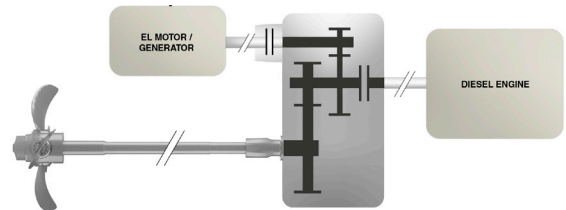


# Siuana Arctica

## General Cargo



Owner	Royal Arctic Line AS, Greenland	
Shipyard	Astilleros Zamakona S.A, Spain	
Hull Number	C797	
Year Built	2020	
IMO Number	9854636	
Ship Design	Havyard 974, Havyard Design & Solutions AS, Norway	
Class	DNV-GL PC7	
Engine	CAT	
Type ...	Effect 1900	RPM 900
Install Number(s)	2273-76	
Gear / Ratio	ACG 600K/S525C / 3,83:1	
PTO / PTI	S525C	
Propeller	CP 85 / 2700mm	
Nozzle	NA	
Remote Control(s)	Brunvoll Propulsion & Thruster Controls	
Tunnel Thruster(s)	Brunvoll Tunnel thrusters	
Type	Position	Effect
FU 45 LTC 1375	Bow	400 kW
FU 45 LTC 1375	Stern	400 kW



### Diesel Mechanical Propulsion system with hybrid PTH mode

This propulsion system configuration is a diesel-mechanical system with PTO/PTI function, where the PTI is designed for running the el.motor for emergency take-me-home mode.

The propeller can be driven either with a constant or with a slightly varying diesel-engine rpm, dependent on simultaneous running of the electric generator.

A diesel mechanical configuration is a simplistic and robust system, suitable to all ship types with a narrow service profile.