

# Ivalo Arctica & Minik Arctica

## General Cargo

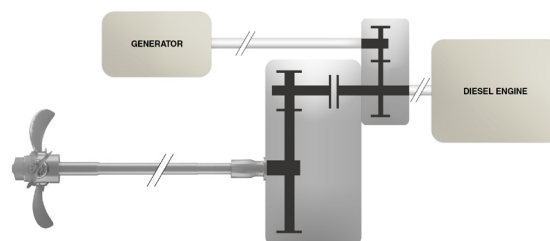


### VESSEL INFORMATION

Owner	Royal Arctic Line AS, Greenland	
Shipyard	Remontowa Shipbuilding S.A, Poland	
Hull Number	B202/1 and B202/2	
Year Built	2016	
IMO Number	9618147 and 9618159	
Ship Design	RMDC 2880 ACV, Poland	
Class	DNV Ice PC6	
Engine	Diesel Engine	
Type: CAT 3512	Power 1103 kW	RPM: 1200

### BRUNVOLL SUPPLY

Reduction Gear	ACG 450	
PTO / PTI	PF400	
Propellers	CP 75, 2100 mm	
Tunnel Thrusters	Bow: CPT 1,0-D, 200 kW Stern: FPT 1,0, 100 kW	
Control System	Brunvoll Propulsion & Thruster Control	



### Diesel Mechanical Propulsion System

A Diesel Mechanical configuration runs the propeller through a reduction gearbox, with or without a PTO. It is a system that can be driven either with a constant or with a slightly varying engine rpm, dependent on simultaneous running of an electric generator.

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