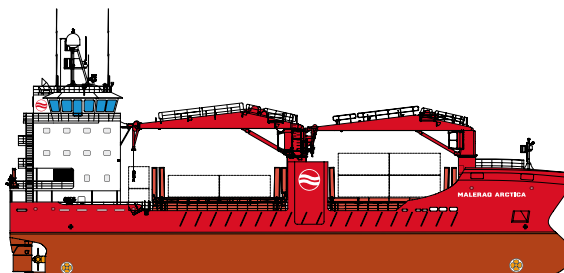


## Particulars

# Maleraq Arctica



Page 1/2

## CLASSIFICATION

<b>Classification Society</b>	DNV - GL
<b>Class notation</b>	+1A – General Dry Cargo Ship / Container, PC7 – E0 – DG(P) – TMON – BWM(T) – BIS, LCS – RM (-25° C/+10° SEA), Polar Ship CAT.B PST-25°
<b>Built by / year</b>	Zamakona shipyard Bilbao, Spanien / 2021
<b>Yard No.</b>	798
<b>IMO Number</b>	9854648
<b>DMA No</b>	D 4995
<b>Flag/Home Port</b>	Danish (DIS) / Helsingør
<b>Call Signal</b>	OYTG2
<b>MMSI</b>	219 027 908

## RULES AND REGULATIONS

Danish National Maritime Authorities Rules and Regulations for Danish International Ship Register (DIS) and latest International Rules and Regulations.

## MEASUREMENTS

<b>Length overall</b>	67,0 M
<b>Length between p.p.</b>	62,40 M
<b>Gross Tonnage</b>	2520 T
<b>Dead Weight</b>	2632,0 T (summer load line)
<b>Displacement</b>	4543,0 T (summer load line)
<b>Breadth Moulded</b>	16,00 M
<b>Net Tonnage</b>	827
<b>Light ship</b>	1860,0
<b>Draught, design</b>	4,0 M
<b>Scantling draught</b>	5,7 M

## CAPACITIES

### Container capacity

In holds	25 TEU	11 FEU
On deck	30 TEU	11 (2) FEU
Total	55 TEU	22 (2) FEU

### Reefer plugs

In holds	16
On deck	20
Total	36

### Container max. Stack Weight

	TEU	FEU
On tween deck covers	30,5 t	35 t
On hatch covers	30,5 t	70 t
On tanktop	61,0 t	

### Uniform load in tons / m<sup>2</sup>:

On tween deck covers	2 t/m <sup>2</sup>
On hatches	2 t/m <sup>2</sup>

### Tank capacity

MGO (100 % full)	211,94 m <sup>3</sup>
Lub. oil (100 % full)	15,09 m <sup>3</sup>
Water ballast	1002,55 m <sup>3</sup>
Fresh water	153,03 m <sup>3</sup>

### Hold

Johnson Controls  
Cargo refrigeration plant. Primary refrigerant (Ammonia R717) secondary (Brine CaCl<sub>2</sub>)  
Sabroe R717 PAC 120 E Chiller units connected to a common brine circulation system.

Cargo hold bale volume	2300 m <sup>3</sup>
No. of holds	4
No. of insulated temperature compartments	4
No. of air circulation zones	4

### Accommodation

Officers	6 (including cook)
Crew	6 (2)
Spare	2

## Particulars

# Maleraq Arctica

Page 2/2

### MACHINERY

<b>Main engine</b>	ABC 12 DZC - 1900 kW - 900 rpm
<b>MCR</b>	900 rpm
<b>Gear</b>	ACG600K / PS525C Brunvoll Volda
<b>Propeller</b>	CP85 - 4 blades - 2700 mm diameter - Controllable pitch - Rotation: Right
<b>Bow thruster</b>	400 kW
<b>Stern thruster</b>	400 kW
<b>Shaft generator</b>	Leroy Somer LSA50.2 - 1000 Kw

**Aux. Engine 2 set.** Scania DI13 075M - 426kw -  
1800 rpm / 60 HZ

**Generator rated output** 400 kW

**Emcy. Engine 1 set.** Scania DI09 074M - 323kw -  
1800 rpm / 60 HZ max 205 g/kWh

**Generator rated output** 250 kW

### SPEED AND CONSUMPTION

**Service Speed at design draft** 12,0 kn

**Fuel consumption per day (MDO/MGO)**

Sailing 10,5 m<sup>3</sup> MGO



### Navigation & Radio equipment

1 pc.	X-Band Chart Radar - Furuno
1 pc.	S-Band chart Radar - Furuno
1 pc.	Ice radar FICE-100 - Furuno
2 pc.	ECDIS FFMD-3200B - Furuno
2 pc.	Gyro GC-80 + Dual control - Simrad
1 pc.	Magnetic Compass - Cassens & Plath
1 pc.	Satellite Compass SC-70 - Furuno
2 pc.	GPS - Navigator GP-170 - Furuno
1 pc.	Doppler Speed log - DS-80 - Furuno
1 pc.	Anemometer - RD-33 - Furuno
1 pc.	Echo sounder 50 and 200 KHz - GDS102 - Skipper
1 pc.	Autopilot AP-80 - Simrad
6 pc.	Maritime monitor - Hatteland
2 pcs.	Radio station MF/HF - 6310 - Sailor
1 pcs.	Inmarsat C - 6110 - Sailor
1 pc.	Iridium telephone - TT-3672A Thrane & Thrane / Cobham
2 pcs.	VHF - DSC - 6222 - Sailor
3 pcs.	VHF - 6210 - Sailor
1 pc.	Navtex - 6391 - Sailor
1 pc.	AIS FA-170 - Furuno
1 pc.	LRIT Transmitter - BlueTraker
1 pc.	It equipment - Seat

### CARGO HANDLING SYSTEM

**Hatch covers** TSS Marine GmbH

**Cranes**

TTS

Nr. 1 GP 680-20

Main hook 20 T - 18.5 M

Aux hook 5 T - 18.5 M

Nr. 2 GP 900-30

Main hook 35 T - 15 M + 30 T - 19.5 M

Aux hook 5 T - 19.5 M

**Elevator**

4.1 T - 1.45 M from ship shell

3.0 T - 1.95 M from ship shell

Platform 3.05 M x 1.40 M lifting speed 24 M/min

### CONTACT DETAILS

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