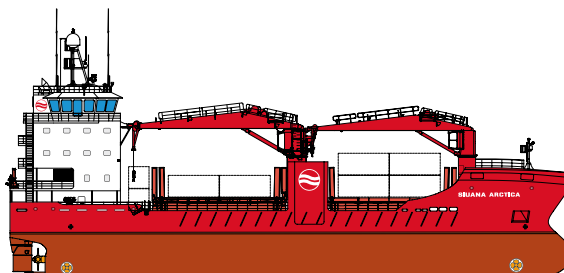


Particulars

Siuana Arctica



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CLASSIFICATION

Classification Society	DNV - GL
Class notation	+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°
Built by / year	Zamakona shipyard Bilbao, Spanien / 2020
Yard No.	797
IMO Number	9854636
DMA No	D 4996
Flag/Home Port	Danish (DIS) / Odense
Call Signal	OYSZ2
MMSI	2190 2787 54

RULES AND REGULATIONS

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

MEASUREMENTS

Length overall	67,0 M
Length between p.p.	62,40 M
Gross Tonnage	2613 T
Dead Weight	2632,0 T (summer load line)
Displacement	4543,0 T (summer load line)
Breadth Moulded	16,00 M
Net Tonnage	827
Light ship	1860,0
Draught, design	4,0 M
Scantling draught	7,6 M

CAPACITIES

Container capacity			
In holds	25 TEU	11 FEU	
On deck	30 TEU	13 (2) FEU	
Total	55 TEU	24 (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 / m²:			
On tween deck covers	2 t/m ²		
On hatches	2 t/m ²		
Tank capacity			
MGO (100 % full)	211,94 m ³		
Lub. oil (100 % full)	15,09 m ³		
Water ballast	1002,55 m ³		
Fresh water	153,03 m ³		
Hold			
Johnson Controls Cargo refrigeration plant. Primary refrigerant (Ammonia R717) secondary (Brine CaCl ₂) Sabroe R717 PAC 120 E Chiller units connected to a common brine circulation system.			
Cargo hold bale volume		2300 m ³	
No. of holds			4
No. of insulated temperature compartments			4
No. of air circulation zones			4
Accommodation			
Officers	6 (including cook)		
Crew	6		
Spare	2		

Particulars

Siuana Arctica

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MACHINERY

Main engine	ABC 12 DZC - 1900 kW - 900 rpm
MCR	900 rpm
Gear	ACG600K / PS525C Brunvoll Volda
Propeller	CP85 - 4 blades - 2700 mm diameter - Controllable pitch - Rotation: Right
Bow thruster	400 kW
Stern thruster	400 kW
Shaft generator	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
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 ³ 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
	<u>Nr. 1 GP 680-20</u>
	Main hook 20 T - 18.5 M
	Aux hook 5 T - 18.5 M
	<u>Nr. 2 GP 900-30</u>
	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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