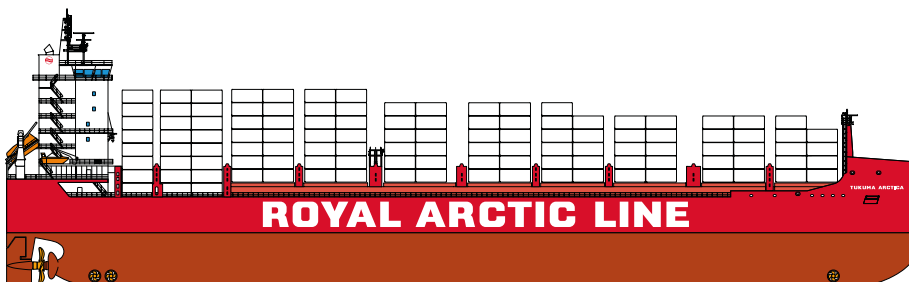


Particulars

Tukuma Arctica



Page 1/2

CLASSIFICATION

Classification Society	DNV - GL
Class notation	DNV GL +1A Container Ship, BWM(T), DG(P), BIS, TMON, LCS, ICE(1A), E0, NAUT(AW)
Built by / year	Guangzhou Wenchong / 2020
Yard No.	5646
IMO Number	9822865
DMA No	D 5000
Flag/Home Port	Danish / Aarhus
Call Signal	OYTR-2
MMSI	219 304 000

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	179.40 M
Length between p.p.	176.20 M
Freeboard Length	176.14 M
Gross Tonnage	26167
Dead Weight at Scantling Draught	25725.80 T
Breadth Moulded	30.95 M
Depth Molded	17.40 M
Net Tonnage	8523
Light ship	11647.60 T
Draught, design	9.00 m
Scantling draught	10.30 m

CAPACITIES

Container capacity

760/380 TEU/FEU can be 45'pallet wide cont.
All cont. On deck/hatches can be standard or pallet wide cont.

In holds	826 TEU
On deck	1322 TEU
Total	2148 TEU

Reefer plugs

Abt. 1600 TEU at 10 Tons homogeneous 9.0 m (design draft)
Abt. 1500 TEU at 14 Tons homogeneous 10.30 m (scantling draft)

In holds	294
On deck	206
Total	500

Container max. Stack Weight

	TEU	FEU
In Hold	120 t	180 t
On hatch covers no 1	60 t	100 t
Hatch cover 2 - 4 and deck	80 t	120 t

Permissible load in tons / m²:

Tanktop in all holds	6.85 t/m ²
----------------------	-----------------------

Tank capacity

Fuel oil (100 % full)	1679 m ³
Diesel oil (100 % full)	310 m ³
Lub. oil (100 % full)	206 m ³
Water ballast	12092 m ³
Fresh water	209 m ³

Hold ventilation	6 airchanges per hour
-------------------------	-----------------------

Accommodation

Officers	10
Crew	12
Hospital	1

Particulars

Tukuma Arctica

Page 2/2

MACHINERY

Main engine	MAN 7G60ME-C9.5-TIII
SMCR	17000 kW x 97 rpm
NCR (incl 2886 KW PTO)	12750 KW x 88 rpm
C.p. propeller	Wärtsilä
Bow thruster	2000 KW
Stern thruster	2 x 1000 KW
Shaft generator	3600 KW
Aux. Engine 3 set.	Man HiMSEN 9H21/32
Generator rated output	1880 KW
Aux. Engine 1 set.	Man HiMSEN 6H21/329H21/32
Generator rated output	1250 KW

SPEED AND CONSUMPTION

Service Speed at design draft	18 Kn
Fuel consumption per day	
Sailing	42.3 t
In port	3.0 t



Navigation & Radio equipment

2 pc.	Radar X-Band ARPA SAM
1 pc.	Radar S-Band ARPA SAM
2 pc.	Gyro
1 pc.	Magnetic Compass
1 pc.	Satellite Gyro Compass
2 pcs.	DGPS
2 pc.	Speed log
2 pc.	Anemometers
2 pc.	Echo sounder
1 pc.	Autopilot
7 pc.	MFD ECDIS
1 pc.	VDR
2 pcs.	Radio station MF/HF
1 pc.	Radio Telex
1 pcs.	Inmarsat C
1 pc.	Iridium telephone
3 pcs.	VHF- DSC
1 pc.	Navtex
1 pc.	AIS
1 pc.	LRIT Transmitter
1 pc.	V-SAT
1 pc.	Iridium Pilot

CARGO HANDLING SYSTEM

Hatch covers	MacGREGOR (Pontoon)
Gearless	
Movable cellguides for 45' container	

CONTACT DETAILS

VSAT Direct	(+45) 77 34 84 71
VSAT Vessel	(+45) 77 34 84 70
GSM	(+45) 40 48 98 01
Sat phone	(+881) 677 101 923
E-mail	operations@tukuma.ral.dk