

Classification

Classification Society Det Norske Veritas
 Class notation \boxtimes 1A1 ICE-1A* Container Carrier
 E0 NAUT-OC
 Hull disign temp. acc. to Polar -10

Built by / year Ørskov Staalskibsværft, Frederikshavn,
 Denmark, 1994

Yard No. 189

IMO No. 9100255

DMA No. D 3575

Flag/Home Port Danish (DIS) / Aalborg

Call Signal O X T S 2

MMSI 219612000

Rules and Regulations

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

Tonnage

Gross Tonnage (GT) 8939
 Net Tonnage (NT) 2681
 Deadweight at scantling draft 5817 Tons
 Scantling draft 6,50 m

Principal Dimensions

Length overall 108,70 m
 Length between p.p. 99,20 m
 Breadth moulded 21,50 m
 Depth to:
 1. deck (tanktop high in holds) 1,40 m
 2. deck 4,00 m
 3. deck 6,60 m
 4. deck 9,40 m
 5. deck 12,20 m
 6. deck (weather deck) 15,00 m

Hatch no. 1 (L x B) 12,600 x 18,000 m
 Hatch no. 2 (L x B) 12,600 x 18,000 m
 Hatch no. 3 (L x B) 12,600 x 18,000 m
 Hatch no. 4 (L x B) 13,300 x 18,000 m

Capacities

Container capacity	TEU	or	FEU	+	TEU
In holds	250		103		44
On deck	174		86		
Total	424		189		44

Abt. 335 TEU at 14 Tons homogeneous

Reefer plugs

In holds	90
On deck	47
Total	137



NORDAM-JULITZ

Contact details

Celluar telephone: (Primary) (+45) 40 83 92 77
 Celluar telephone: (Greenland coastal trade) (+299) 52 51 33
 Iridium telephone: (+88) 164 145 2227
 Satellite telephone: (+870) 321 961 220
 Satellite telefax: (+870) 321 961 221
 Telex (+581 or +583) 421 961 210
 E-mail: (max 150 kb) irena.arctica@irena.ral.dk

Owner

Royal Arctic Line A/S

Main office

P.O. Box 1580, 3900 Nuuk, Greenland

Technical Department

P.O. Box 8100, 9220 Aalborg, Denmark

Container max. stack weight

In holds 1, 2 and 3	TEU	120,0 Tons
	FEU	162,5 Tons
In hold 4	TEU	72,0 Tons
On hatch covers/deck	TEU	24,0 Tons
	FEU	32,5 Tons

Permissible load in Tons/m²

Tanktop in holds 1, 2 and 3	7,0 Tons/m ²
Tanktop hold 4	3,0 Tons/m ²
Tween decks flats	1,8 Tons/m ²

Hold ventilation 6 - 30 airchanges per hour in empty holds

Tank capacity

Fuel oil (100% full)	84,00 m ³
Diesel oil (100% full)	804,00 m ³
Lub. oil (100% full)	42,70 m ³
Fresh water	78,40 m ³
Water ballast	2735,00 m ³

Accommodation

Officer	8
Crew	8
Spare	4
Hospital	1

Cargo Handling System

Hatch covers	Mac Gregor Navire (lift away type)
Deck cranes	2 pcs. Hägglungs SWL 40 Tons at 24 m each equipped with turning device. In twin operation SWL 70 Tons
20' container spreader	2 pcs. semi-automatic SWL 33 Tons
40' container spreader	2 pcs. semi-automatic SWL 36 Tons
Loading computer	IBM Loadstar

Machinery

Main engine	2 pcs. MAN B&W Alpha type 12V28/32A-D
MCR, each	2940 kW at 775 rpm
C.p. propeller	MAN B&W Alpha type VBS 1280
Bow thruster	Brunvoll 1750 mm, 800 kW
Stern thruster	Brunvoll 1750 mm, 800 kW
Shaft generator	2 pcs. Leroy Somer type LSA 54V5S
Rated output	1800 kW
Aux. engine	2 pcs. Wärtsilä Scam UD 25 V12 S5D
Power, each	659 kW at 1200 rpm
Generator	2 pcs Leroy Somer LASM 50 L8
Rated output each	600 kW



ROYAL ARCTIC

Speed and consumption

	(73% MCR, 15% sea margin and 1200 kW on shaft generator)
Service speed	14,5 knots
Fuel consumption per day	
Sailing	MGO App. 21 Tons
In port	MGO App. 3 Tons

Navigation equipment

- 1 pc. Radar Decca/Sperry BridgeMaster E, X band ARPA
- 1 pc. Radar Decca/Sperry BridgeMaster E, S band ARPA
- 1 pc. Radar Furuno FR 1510 MARK-2, X - band
- 1 pc. Radio Station - Sailor
- 1 pc. Radio Telex - Sailor
- 1 pc. Iridium Sailor SC4000
- 1 pc. Inmarsat C - Sailor
- 1 pc. Inmarsat B - Nera Saturn B
- 4 pcs. VHF, incl, DSC
- 1 pc. Navtex Furuno NX-500
- 2 pcs. Gyro Anschütz Standard 20
- 3 pcs. GPS, Lieca 420LMX and Shipmate 5800C
- 1 pc. Log - Sagem LH92
- 1 pc. Echo - sounder, Simrad / Skipper
- 1 pc. Direction - finder
- 1 pc. Weatherfax - receiver
- 1 pc. Autopilot EMRi
- 1 pc. Loran C Type Northstar 800
- 1 pc. AIS Type Nauticast
- 2 pcs. MARIS / ECDIS900 E-Chart system

