M/S NUKA ARCTICA

Classification:
Classification Society: Lloyd's Register og Shipping
Class notation: +100 A1, ICE Class 1A,
General Cargo /Container Ship,
+LMC, UMS, LNC(AA)
GMDSS A4

Built by: Danyard, Frederikshavn, Denmark
Year: 1994

Yard No.: 729
IMO No.: 9100231
DMA No.: D3568
Flag / Home Port: Danish (DIS) / Aalborg
Call Signal: O X Y H 2

MMSI: 219655000

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

Tonnage:
Gross Tonnage (GT) 11612
Net Tonnage (NT) 3483
Deadweight at scantling draught 9556
Scantling draught 8,00 m

Principal Dimensions:
Length overall 132,92 m
Length between p.p. 118,50 m
Breadth moulded 24,00 m

Depth moulded to:
1. deck (tanktop) 1,40 / 2,40 m
2. deck 4,00 m
3. deck 6,60 m
4. deck 9,20 m
5. deck 11,80 m
6. deck (Weather deck) 15,10 m

Hatch no. 1 (L x B) 12,565 x 15,400 m
Hatch no. 2 (L x B) 12,565 x 20,400 m
Hatch no. 3 (L x B) 12,565 x 20,400 m
Hatch no. 4 (L x B) 12,565 x 20,400 m
Hatch no. 5 (L x B) 12,565 x 20,400 m

Capacities:
Container capacity: TEU or FEU + TEU
In holds 334 158 18
On deck 448 215 6
Total 782 373 24

Abt. 650 TEU at 10 Tons homogeneuos
Abt. 545 TEU at 14 Tons homogeneuos

Reefer plugs:
In holds 140
On deck 108
Total 248

Guaranteed live reefer capacity is 190 pcs.

Contact details
V-Sat telephone: (+45) 99 30 34 59 / 99 30 34 58
Celluar telephone: (Greenland coastal trade) (+299) 48 63 75
Iridium telephone: (+88) 162 143 9503
Satellite telephone: (+870) 321 965 520
Satellite fax: (+870) 321 965 521
Telex: (+581 or +583) 421 965 510
E-mail: nuka.arctica@nuka.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
M/S NUKA ARCTICA

Container max. stack weight:

<table>
<thead>
<tr>
<th></th>
<th>TEU</th>
<th>FEU</th>
</tr>
</thead>
<tbody>
<tr>
<td>In holds</td>
<td>120 Tons</td>
<td>163 Tons</td>
</tr>
<tr>
<td>On hatch covers / deck</td>
<td>50 Tons</td>
<td>80 Tons</td>
</tr>
</tbody>
</table>

Permissible load in tons / m²:
- Tanktop in all holds: 8.0 tons/m²
- Hold ventilation: 30 airchanges per hour

Tank capacity:
- Fuel oil (100% full): 761.60 m³
- Diesel oil (100% full): 248.70 m³
- Lub. oil (100% full): 84.00 m³
- Water ballast: 3475.00 m³
- Fresh water: 158.00 m³

Accommodation:
- Officer: 8
- Crew: 8
- Spare: 1
- Hospital: 1

Machinery:
- Main engine: MAN B&W type 8L 48/60
- MCR: 7800 kW at 450 rpm
- C.p. propeller: KaMeWa 5500 mm
- Bow thruster: KaMeWa TT 1650, 780 kW
- Stern thruster: KaMeWa TT 1650 780 kW
- Shaft generator: Leroy Somer LAS 52 BL9-4P
- Rated output: 1680 kW at 1800 rpm
- Aux. engine: 3 pcs. Wärtsilä UD 2S V12 SSD
- Generator: 3 pcs. Leroy Somer MLAS 50 L8
- Rated output: 600 kW

Speed and consumption:
- Speed: 16.5 knots (90% MCR, 15% sea margin and 1400 kW on shaft generators)
- Fuel consumption per day:
  - Sailing: IFO380, App. 31.0 tons
  - In port: MGO, App. 3.0 tons
- Max speed: 17.6 knots (90% MCR, 0% sea margin and without shaft generators)

Navigation equipment:
- 1 pc. BridgeMaster Radar Sperry Marine X ARPA
- 1 pc. BridgeMaster Radar Sperry Marine S ARPA
- 1 pc. Radar Furuno FR 1505 MARK-2, X-band
- 1 pc. Radio Station HF / MF - Sailor
- 1 pc. Iridium Sailor SC4000
- 2 pc. Inmarsat C - Sailor
- 2 pcs. VHF, incl. DSC - Sailor
- 1 pc. Navtex-Sailor 6004
- 1 pc. Gyro - 1 pc. Satellitekompas - 1 pc. autopilot - Anschütz
- 3 pc. GPS/DGPS - Shipmate RS5310/AP Navigator MK10/Sailor 6004
- 1 pc. Log - Sperry Marine
- 1 pc. Echo-sounder, Simrad / Skipper
- 1 pc. AIS SAAB R5
- 2 pc. TRANSAS NAVI-SAILOR 4000 E-Chart system

Cargo Handling System:
- Hatch covers: MacGREGOR Navire (Pontoon)
- Deck cranes: 2 pcs. Liebherr SWL 40 tons at 28 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