

MV: CARNELIAN CONFIDENCE

General

Class	NKK
Class notation	BCM BC-XII, GRAB
Ship type	DHBC
Year built	JULY 2021
Yard	I-S Shipyard
DD due	JULY 2026
SS due	JULY 2026

Flag	Portugal
Registry	Madeira
Reg. nr.	TEMP 1069M
Call Sign	CQ2542
IMO nr.	9902081
Telex	425504393
Phone	+30 210 444 7664
Email	carnelianconfidence@fleet.hellasconfidence.gr

Speed & Consumption

Laden	abt.13.0 kts on abt.18.5 IFO + abt.0.1 mt LSMGO
Eco (WOG)	abt.12.0 kts on abt.15.0 IFO + abt.0.1 mt LSMGO
Port Idle	abt.2.8 mt IFO + abt.0.1 mt LSMGO
Port WWW	abt.4.6 mt IFO + abt.0.1 mt LSMGO

Vessel consumes LSMGO when in Nox Control area, during manoeuvring and sailing in narrow waterways and canals. Speed / Cons. upto windforce BF 4, max. wave height 1.25 m, max. swell height 2.00 m, no adverse current, no influence of swell and even-keel condition.

Bunker specs: IFO ISO 8217:2017 (E) RMG 380 / ULSGO: ISO 8217:2017 (E) DMA (max 0.1% Sulphur) Sulphur specs and each delivery and burning of specific types (grades) of bunkers always to comply with MARPOL regulations a/o EU directives a/o USA a/o any other national regulations including latest amendments

Principal dimensions

Length over all	179,97	m
Breadth moulded	29,83	m
Depth moulded	15,00	m
Summer draft	10,54	m
Summer dwt	37,923	MT
TPC (summer)	48.6	t/cm
GT/NT	23226/12101	T
Lightweight	8391	T
Suez	23739/21465	T
Panama	19350	T

W/L-H/c Summer	6,70	m
W/L-H/c Ballast mid.	11,40	m
Keel – Top H/c	16,90	m
Keel – Top of mast	44,50	m
VLSFO cap. (85%)	1320	m³
LSMGO cap. (85%)	333	m³
FW capacity (100%)	294	m³
Ballast cap. (100%)	15,089	m³
Slop tanks (CH wash)	401	m³

Operational restrictions

No mixing of new bunkers with bunkers already onboard.
Vessel is only allowed to work single hook on a single hatch
Constants could be affected due to vessel retaining onboard of hold cleaning water and/or grey water as per MARPOL regulations.

Bunker tank capacities could be affected due to vessel having to keep different IFO and LSMGO grades separated as a consequence of compliance with Marpol regulations a/o EU directives a/o USA a/o any other national regulations including latest amendments.

This vessel is member of an independent fuel testing system (Intertek Lintec). Charterers or their representatives are always at liberty to witness the sampling during any bunkering of the vessel under the charter and any discrepancies found between supplier's sample and Intertek Lintec sample then the Intertek Lintec sample to be final and binding. As long as the analysis results of the fuel oil onboard has not been received and approved by Owners, the vessel may have to use LSMGO instead.

Vessel uses UREA and NaOH in NOx control area, charterers should consider the availability of SCR and EGR treatment product in their trade.

Cargospaces

Cap. (cuft)	Grain	Bale
C/H #1	272187	260626
C/H #2	350774	338164
C/H #3	351978	338265
C/H #4	351566	338244
C/H #5	333116	322289
Total	1659621	1597588

Floor space	L x B	Hatch Size lxb
C/H #1	27.51 x 7.6 / 22.68	15.86m x 17.16m
C/H #2	27.51 x 25.70	20.04m x 22.02m
C/H #3	27.51 x 25.70	20.04m x 22.02m
C/H #4	27.51 x 25.70	20.04m x 22.02m
C/H #5	27.51 x 25.70 / 9.65	20.04m x 22.02m

drft(m)	Deadweight (t)
10.54	Summer 37923
10.76	Trop. 38988
10.99	TropF. 38964
10.78	Fresh 37922
10.32	Winter 36860

Ventilation	Nat.
Airchanges	NO
CO2 fitted	Fitted
A60 bkhd	Fitted
Smoke det.	NO
Aussie fitted	Fitted
Dehumidifier	N/A

*Note: In case of heavy cargoes to be loaded, the maximum quantity is to be in accordance with vessel's loading and stability booklets.

Strength

	CH#1	CH#2	CH#3	CH#4	CH#5		
Hatchcovers	NO	NO	NO	NO	NO	t/m²	
Weatherdeck	NO	NO	NO	NO	NO	t/m²	
Tanktop	25	25	25	25	25	t/m²	*Local strength
Tanktop	20.68	15.05	20	15.05	20.08	t/m²	*Uniform distributed
Steel coils	Standard coil loading condition – 2 tiers x 25 T coils (dim. 2.2 m x 2.0 m dia), 4 dunnages						
*Note 1: Alternate hold loading condition (Nos. 2 & 4 may be empty)							
*Note 2: Other coil loading conditions subject to owners approval of local stress calculations							

Deck equipment

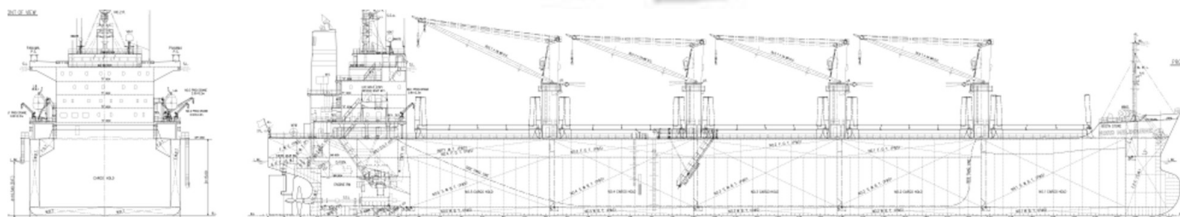
Hatch type	Hydr. End-folding type, DS
Maker	Iknoh Machinery
Cargo gear type	Electro hydr. 30.5t x 4 cranes
Maker	Iknoh Machinery
Outreach	Cr 1/2/3 9.08 m Cr 4. 11.08 m
Grab handling	24 max. grab(bucket)+cargo
Grabs fitted	N/A
(de)ballast Cap.	Abt. 1000 M³ / hr

Features

ITF fitted	Yes
Log fitted	No
WBTS fitted (USCG approved)	Yes
Lakes fitted	No
Suitable for grab discharge	Yes

Machinery details

Main engine	MAN B&W 6S46ME-B8
NCO	5030 KW @ 100 rpm
Aux. engines	Yanmar 6 EY18ALW2 – 3 sets
Electrical	550 Kva each
Freshwater generator	Max. 15t/day



All details "about" given in good faith, without guarantee.