

MV: RIJN CONFIDENCE

General

Class	NKK
Class notation	BCM BC-XII, GRAB
Ship type	DHBC
Year built	JUN 2013
Yard	Shin Kurushima
DD due	June 2021
SS due	June 2023

Flag	Portugal
Registry	Madeira
Reg. nr.	TEMP570M
Call Sign	CQAG6
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Speed & Consumption

Laden	abt.13.0 kts on abt.22.0 IFO + abt.0.1 mt LSMGO
Eco (WOG)	abt.12.0 kts on abt.19.0 IFO + abt.0.1 mt LSMGO
Port Idle	abt.2.4 mt IFO + abt.0.1 mt LSMGO
Port WWW	abt.4.5 mt IFO + abt.0.1 mt LSMGO

Vessel consumes LSMGO when manoeuvring and sailing in narrow waterways and canals. Speed / Cons. upto Windforce BF 4 / Douglas sea state 3, basis no adverse current and on even-keel condition.
Bunker specs: IFO ISO 8217:2017 (E) RMG 380 / LSMGO: 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	179.99	m
Breadth moulded	28.20	m
Depth moulded	14.30	m
Summer draft	10.10	m
Summer dwt	33,328	MT
TPC (summer)	44.41	t/cm
GT/NT	21203/11419	T
Lightweight	TBA	T
Suez Gross/Nett	21551/19847	T
Panama PC/UMS	17684	T

W/L-H/c Summer	5.98	m
W/L-H/c Ballast mid.	11.52	m
Keel – Top H/c	16.04	m
Keel – Top of mast	43.02	m
IFO capacity (85%)	1204	m ³
MDO capacity (85%)	159	m ³
MGO capacity (85%)		m ³
FW capacity (100%)	317	m ³
Ballast cap. (100%)	11553	m ³
Slop tanks (CH wash)	170	m ³

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 ULSGO 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 (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 suppliers sample and Lintec sample then the Lintec sample to be final and binding. As long as the Lintec test of the fuel oil onboard has not been completed and the results approved vessel may have to use LSMGO instead

Cargospaces

Cap. (ft³)	Grain	Bale
C/H #1	230151	226585
C/H #2	340505	333157
C/H #3	341405	333393
C/H #4	341405	333394
C/H #5	303045	296187
Total	1556511	1522716

Floor space	LxBf/Ba/H(m)	Hatch Size
C/H #1	23.67x4.77/23.80 x14.26	16.00x15.90
C/H #2	26.53x23.80 x14.26	20.80x23.80
C/H #3	26.53x23.80 x14.26	20.80x23.80
C/H #4	26.53x23.80 x14.26	20.80x23.80
C/H #5	26.37x23.8/7.0 x14.26	20.80x23.80

drft(m)	Deadweight
10.10	Summer 33328
10.31	Trop. 34262
10.54	TropF. 35350
10.33	Fresh 33330
9.89	Winter 32397

Ventilation	Elect.
Airchanges	2.3 / h
CO2 fitted	Fitted
A60 bkhd	Fitted
Smoke det.	N/A
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	N/A	N/A	N/A	N/A	N/A	t/m ²	*observe load manual
Weatherdeck	N/A	N/A	N/A	N/A	N/A	t/m ²	*Except betw. hatches
Tanktop	20	20	20	20	20	t/m ²	*Local strength
Tanktop	12.50	12.50	12.50	12.50	12.50	t/m ²	*Uniform distributed
Steel Coils	Standard coil loading condition - 2 tiers x 21 T coils (breath 1.8 m) 4 dunnages.						
*Note: Alternate hold loading condition (Nos. 2 & 4 may be empty). No alternate ore loading							
*Note 2: Other coil loading conditions subject to owners approval of local stress calculations.							

Deck equipment

Hatch type	Hydr. End-folding type, DS
Maker	Cargotec Japan
Cargo gear type	Electr/hydr. 30.5t x 24m x 4 sets
Maker	Mitsubishi Heavy Industries
Outreach	9.90 mtr
Grab handling	TBA
Grabs fitted	N/A

Features

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

Machinery details

Main engine	Mitsubishi 6UEC45LSE-1
NCO	5100 KW @ 110 rpm
Aux. engines	Yanmar 6 EY18ALW – 3 sets
Electrical	562 KVA / 450V / 60 Hz / 900 rpm
Freshwater generator	Max. 15l/day

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