

MV: WAAL CONFIDENCE

General

Class	NKK
Class notation	NS*,BCM,IWS,PSCM
Ship type	DHBC
Year built	JUN 2009
Yard	Shin Kochi Japan
DD due	JUN 4th 2019
SS due	JUN 4th 2019

Flag	Portugal
Registry	Madeira
Reg. nr.	TEMP578M
Call Sign	CQAI3
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Speed & Consumption

Laden	abt. 13 kts on abt. 21 T IFO + abt. 0.1 T MDO
Ballast	abt. 13 kts on abt. 20 T IFO + abt. 0.1 T MDO
Port Idle	abt. 2.6 T IFO + abt. 0.1 T MDO
Port WWW	abt. 4.9 T IFO + abt. 0.1 T MDO

Vessel consumes MDO when manoeuvring and sailing in narrow waterways and canals. Speed/Cons. upto Wind force BF 4/ Douglas sea state 3 and basis no adverse currents.
Bunker specs: IFO ISO 8217:2017 (E) RMG 380 / MDO: ISO 8217:2017 (E) DMB or DMA
However, 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	10.031	m
Summer dwt	33,387	MT
TPC (summer)	44.55	t/cm
GT/NT	21192/11444	T
Lightweight	7283	T
Suez Gross/Nett	21335/19474	T
Panama PC/UMS	17674	T

W/L-H/c Summer	6.39	m
W/L-H/c Ballast mid.	10.90	m
Keel – Top H/c	16.42	m
Keel – Top of mast	42.84	m
IFO capacity (85%)	1073	m ³
MDO capacity (85%)	295	m ³
MGO capacity (85%)		m ³
FW capacity (100%)	310	m ³
Ballast cap. (100%)	12579	m ³
Slop tanks (CH wash)	167	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 MGO 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 HFSO onboard has not been completed and the results approved vessel may have to use LSFO or MDO / MGO instead

Cargospaces

Cap. (ft³)	Grain	Bale
C/H #1	247042	244509
C/H #2	340265	333710
C/H #3	341148	333872
C/H #4	341148	333872
C/H #5	306925	299595
Total	1576528	1545558

Floor space	LxBf/Ba/H(m)	Hatch Size
C/H #1	23.67x4.77/23.80 x14.26	16.80x17.20
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	26.37x23.87/0 x14.26	19.20x23.80

drft(m)	Deadweight
10.03	Summer 33387
10.23	Trop. 34315
10.46	TropF. 34296
10.25	Fresh 33387
9.82	Winter 32461

Ventilation	Elec.
Airchanges	2.2 / h
CO2 fitted	Fitted
A60 bkhd	N/A
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/m³	*observe load manual
Weatherdeck	N/A	N/A	N/A	N/A	N/A	t/m³	
Tanktop	20	20	20	20	20	t/m³	*Local strength
Tanktop	12.50	12.50	12.50	12.50	12.50	t/m³	*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	MacGregor-Kayaba, Ltd.
Cargo gear type	Electr/hydr. 30t 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)	No
Lakes fitted	No
Suitable for grab discharge	Yes

Machinery details

Main engine	Mitsubishi 6UEC52LA
NCO	5313 KW @ 112 rpm
Aux. engines	Yanmar 6 N18AL-DV – 2 sets
Electrical	562 KVA / 450V / 60 Hz / 900 rpm
Freshwater generator	Max. 15t/day

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