

MV HOPE 1



BULK CARRIER

General

Built:	2012
Call Sign:	5LBO6
Flag:	LIBERIA
Owners:	HOPE 1 SHIPPING INC
P&I Club:	Swedish Club
IMO No.:	9514339
Class:	NKK

Main Particulars

LOA:	189.99m
LBP:	182.00m
Breadth mld:	32.25m
Draft:	12.715 m SW,
Depth mld:	18.10m
Air draft:	35.585m
GT / NT:	31,753 / 18,651
Panama NT:	18,651
Suez GRT:	31,753

CAPACITIES :

	BALE CAPACITY (m ³)	GRAIN CAPACITY (m ³)
NO.1 C/H	11,513.3	12,004.7
NO.2 C/H	14,574.3	15,162.9
NO.3 C/H	14,490.7	15,116.8
NO.4 C/H	14,521.9	15,108.5
NO.5 C/H	13,633.0	13,952.1

Hatchover area:

NO 1	15.75 m x 18.92 m
NO 2	21.00 m x 18.92 m
NO 3	21.00 m x 18.92 m
NO 4	21.00 m x 18.92 m
NO 5	21.00 m x 18.92 m

Hold dimension area:

NO.1 C/H	27.20 m x 23.60 m x 16.60 m
NO.2 C/H	30.80 m x 23.60 m x 16.60 m
NO.3 C/H	30.80 m x 23.60 m x 16.60 m
NO.4 C/H	30.80 m x 23.60 m x 16.60 m
NO.5 C/H	30.80 m x 23.60 m x 16.60 m

Flat floor measurements at tank top :

NO.1 C/H	6.4 m x 23.6 m x 27.2 m
NO.2 C/H	23.6 m / 30.8 m
NO.3 C/H	23.6 m / 30.8 m
NO.4 C/H	23.6 m / 30.8 m
NO.5 C/H	9.6 m x 23.6 m x 30.8 m

Holds/Hatches:

Number of Holds:	5
MAKER AND TYPE OF HATCH COVER:	NAKATA MACGREGOR CORPORATION, HYDRAULIC FOLDING TYPE

Cargo handling gear:

4 CRANES with SWL 30 T	
Crane type:	: IHI DECK CRANE/H300185-260(25)
Cranes Outreach 1,2,3,4 :	: 26.0 meters
Time needed for full cycle with maximum cargo lift	: 109.0 seconds
Hoisting time of gear	: 18.5 meters per minute
Luffing time of gear	: 52.0 seconds
Slewing time of gear	: 0.55 rpm

Load distribution:**TANK TOP :**

HOLD NO-1	24.0 MT/sq. m	/	16,100.0 MT MAX
HOLD NO-2	16.0 MT/sq. m	/	15,110.0 MT MAX
HOLD NO-3	25.0 MT/sq. m	/	20,700.0 MT MAX
HOLD NO-4	16.0 MT/sq. m	/	15,110.0 MT MAX
HOLD NO-5	24.0 MT/sq. m	/	19,000.0 MT MAX

Max load for Adjacent Holds :

Hold No. 1 & 2	27,100.00 MT
Hold No. 2 & 3	30,220.00 MT
Hold No. 3 & 4	30,220.00 MT
Hold No. 4 & 5	29,010.00 MT

Hatch Cover :

Cargo loading on Hatch Covers not considered.

Upper deck uniform loading :

No. 1 on deck	4.0 MT / M ²
No. 2 on deck	5.0 MT / M ²
No. 3 on deck	4.7 MT / M ²
No. 4 on deck	5.0 MT / M ²
No. 5 on deck	5.0 MT / M ²

Hot Coils Loading :

2 tiers (1.5 m long) x 15.0 tonnes each on 3 lines dunnage.

HOLD	NO. OF HOT COIL			WEIGHT (t)
	1 ST TIER	2 ND TIER	SUM	
NO.1 HOLD	166	152	318	4770
NO.2 HOLD	240	225	465	6975
NO.3 HOLD	240	225	465	6975
NO.4 HOLD	240	225	465	6975
NO.5 HOLD	166	151	317	4755
TOTAL	1052	978	2030	30450

* Weight of coils 15.0 tonnes

Main Engine Data

Maker and type:	MITSUI MAN B&W
Output:	9,480 kW (MCR)

Speed & consumption :

Ballast: about 14.6 knots on about 33 mt IFO + about 0.1 mt MDO

Laden: about 13.6 knots on about 33 mt IFO + about 0.1 mt MDO

Eco Speed:

Ballast: about 12.0 knots on about 22.0 mt (M/E + AUX) IFO + about 0.1 mt MDO

Laden: about 11.0 knots on about 23.0 mt (M/E + AUX) IFO + about 0.1 mt MDO

In Port:

Idle: about 3.0 mt IFO and about 0.1 mt MDO

Working: about 5.0 mt IFO and about 0.1 mt MDO

All details about.

Eco speed not guarantee.

(Under the good weather condition always upto and including beaufort scale 4 and Douglas sea state 3 with no adverse current and no negative influence of swell.):

Vessel has liberty to burn additional IFO and/or MDO while maneuvering, also whilst in restricted or confined waters or during winter.

Speed/consumption figures basis (24 continuous hours)max beaufort force 4 / Douglas sea state 3 / with combined wave and swell heights not to exceed 1.25m and/or no adverse currents or swells.) , max sulphur :-0.50 % & Ismgo dma 0.1 (<0.1% sulphur), all details about 'about' is defined as 5% more on bunker consumption and 0.5 knots less on vessel speed.

Manoeuvring Data :

Rudder: Semi-Spade hanging

Aux. Engine / Generator

Aux. Engine / Generator 3 x 480 kw
Emergency Diesel: 1 x 99 kW

Tank Capacity 100% :

Ballast water: 31,229.2 m³ (15,118.0 cu.m in No.3 Hold)
Fresh water: 341.9 T
HFO: 1,898.9 m³
MGO: 405.0 m³

All Details About and Without Guarantee.