

MV CORN



Bulk Carrier-Open Hatch-Box Type

General

Built: 15-01-2014 / Saiki Heavy Industries Co., Ltd., Japan
Call Sign: 5LGH8
Flag: LIBERIA
Owners: Ocean Searum One Limited
P+I Club: Steamship Mutual
IMO No.: 9606015
Class: Nippon Kaiji Kyokai (NKK)

Main Particulars

LOA: 177.85 m
LBP: 169.80 m
Breadth mld: 28.60 m
Deadweight : 37045 mt
Draft: 10.869 m SW, resp. 11.117 m FW
Depth mld: 15.00 m
Air draft: abt. 44.449 m
GT / NT: 22871 tns / 12519 tns
Panama NT: 19,057 mt
Suez GRT: 23,189.55 tns

Capacity

Hold no. 1 m³ Grain: 6500.34 m³
Hold no. 1 m³ Bale: 6424.34 m³
Hold no. 2 m³ Grain: 10080.65 m³
Hold no. 2m³ Bale: 9954.32 m³
Hold no. 3 m³ Grain: 10104.69 m³
Hold no. 3 m³ Bale: 10002.60 m³
Hold no. 4 m³ Grain: 10061.64 m³
Hold no. 4 m³ Bale: 9959.91 m³
Hold no. 5 m³ Grain: 9043.44 m³
Hold no. 5 m³ Bale: 8953.24 m³

Total m3 Grain: 45790.76m³
Total m3 Bale: 45294.41m³
Hatchover area: 2454.4m²
Hold area: 2946.91m²
Total area: 5401.31m²

Holds/Hatches

Number of Holds: 5
Hold form: Double hull
Open Hatch Box

Hatchcovers

Hatch 1: 15.20 M x 20.00 M
Hatch 2: 22.40 M x 24.00 M
Hatch 3: 22.40 M x 24.00 M
Hatch 4: 22.40 M x 24.00 M
Hatch 5: 22.40 M x 24.00 M

Hold	L(M)	B(M)	H(M)
Hold 1:	21.80 x 20 narrow to 13.80 fwd		x 15.20
Hold 2:	27.20 x	24.0	x 15.20
Hold 3:	27.20 x	24.0	x 15.20
Hold 4:	27.20 x	24.0	x 15.20
Hold 5:	24.80 x 24.0 narrow to 14.80 aft		x 14.00

Heights Tanktop – Hatchcover
Hold 1-4: 15.20 M
Hold 5: 14.00

Type of hatch covers: McGregor - End folding type
Holds equipment: All Holds CO₂ fitted
Ventilation: Mechanical Ventilation

IMO Classes

All holds

Bulk Goods -Class 4.1 ,4.2, 5.1 ,8 (solids),9 (Fish Meal)
Vessel is suitable to carry certain dangerous goods as above
and in compliance to appendix of list of cargoes attached to
DOC for Ship Carrying Dangerous Goods.

Cargo handling gear

Cranes 1 to 4:

31 MT x 26 M S. R x 18.5 M/min. X 4 sets
Electro-Hydraulic driven, single deck crane.

Load distribution

No.1 Cargo Hold

Tank Top (Local Strength) : 22.0 T/m²
Tank Top (Uniform Load) : 20.0 T/m²

No.2 Cargo Hold

Tank Top (Local Strength) : 22.0 T/m²
Tank Top (Uniform Load) : 13.0 T/m²

No.3 Cargo Hold

Tank Top (Local Strength) : 22.0 T/m²
Tank Top (Uniform Load) : 20.0 T/m²

No.4 Cargo Hold

Tank Top (Local Strength) : 22.0 T/m²
Tank Top (Uniform Load) : 13.0 T/m²

No.5 Cargo Hold

Tank Top (Local Strength) : 22.0 T/m²
Tank Top (Uniform Load) : 20.0 T/m²

Main Engine Data

Maker and type:

MAKITA MITSUI MAN – B & W 6S46MC-C
8.2(L3) 1 SET / 7050 KW X 110RPM/HP
9454.2

Output:

7,050 kW

Speed & Consumption
(Including auxiliaries)

At sea:

Laden: abt. 12 kts on abt. 19 mt VLSFO / day
Ballast: abt 13 kts on abt 20 mt VLSFO / day

In Port:

Idle: abt 2.0 mt VLSFO / day incl boiler
Work: abt. 4.0 mt VLSFO / day incl boiler

Manoeuvring Data

Bow Thruster: NIL
Rudder: Semi Balanced hanging type , 1 set

Aux. Engine / Generator

Aux. Engine / Generator 3 x 450 kW
Emergency Diesel: 1 x 80 kW

Tank Capacity

Ballast water: 13729.40m³ (Excluding APT)
Fresh water: 219.28m³ (Excluding APT)
HFO: 1521.85m³ (Including sett and serv Tk)
MGO: 160.84m³ (Including serv Tk)

All Details About and Without Guarantee