



MV SOPHIA

GENERAL PARTICULARS

Name	SOPHIA
Flag	NETHERLANDS
Call-sign	PDBZ
IMO-no.	9969443
Port of registry	St. Johns
Year built/shipyard	2024
Ice-class	NO
P&I	NNPC
Class	DNV
NAABSA	YES
ITF	YES
Timberfitted	YES
Grainfitted	YES
Dangerous goods fitted	YES

TECHNICAL PARTICULARS

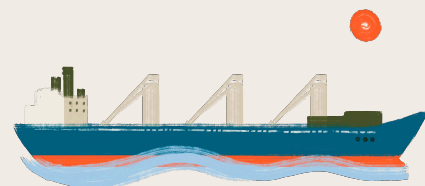
Main engine	ABC 6DZC - 800 - 173 - A
Speed loaded	10.00 KTS
Speed ballast	11.00 KTS
Consumption at sea	3.30 MTS (+ 0.20 AUX)
Fuel type Main Engine	MGO
Fuel type Aux. Engine	MGO
Bowthruster fitted	YES
Bunker capacity	90.00 M3
Freshwater capacity	41.00 M3
Ballastwater capacity	1942 M3
Deballasting speed	240 CBM/HOUR
Lub oil capacity	4.10 M3

VESSEL PARTICULARS

LOA	88 M
LBP	84.98 M
Beam	13.35 M
Depth Mid	7.05 M
Draft Summer	4.90 M
Draft Winter	4.81 M
Ballast draft	3.00 M
GT	2593
NT	1212
Displacement	4.770 MT
Deadweight	3700 MT
DWCC Summer	3.500 MT
DWCC Winter	3.400 MT
Airdraft ballast	22.08 M
Distance WLTHC in full ballast	5.40 M
Immersion/TPC	10.96 T/CM
Collapsible foremast	YES

HOLD PARTICULARS

No. Of holds/hatches	1
Hold(s) capacity	5163 CBM / 182.000 CBFT
Box shaped	YES
Length of hold	62.30 M
Width of hold	10.18 M
Height of hold	7.73 M
Type of hatches	PONTOONS
Hatch Dimension (LxW)	6.242 x 11.00 M
Number of bulkheads	2 (4 PARTS)
Number of bulkheads position	12
Strongbeam	YES
Cement holes/diameter	N/A
Tank top/hatch cover strength	15 / 1.85 MT/SQM
Max steel coil weight	14.70 TON/M2
Ventilation (air changes/h)	6 P/H
Vent. mechanical or electrical	MECHANICAL
CO2 fitted	YES



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