

M. V. DRAGONBALL



Heavy Lift Multi Purpose Dry Cargo Vessel strengthened for heavy cargoes, equipped for the carriage of containers.
Geared tween-decker fully cariable in four positions. Singledecker – equipped with stability pontoon.

Multi-Purpose Dry Cargo Ship, Equipped for Carriage of Containers, Strengthened for Heavy Cargo + MC E3 AUT

General

Built:	2012 / Qingshan Shipyard, China
Call Sign:	A8XF8
Flag:	LIBERIA
Owners:	OCEAN SEARUM TWO LIMITED
P+I Club:	The Swedish Club
IMO No.:	9467158
Class:	DNV GL + 100 AS E3

Main Particulars

LOA:	166.15m
LBP:	156.00m
Breadth mld:	22.90m
Deadweight excl. twd:	Abt. 19,100 t
Weight of tweendecks:	852 mt
Draft:	9.50 m SW, resp. 9.704 m FW
Depth mld:	13.90m
Air draft:	abt. 45.62m (36.12 m + 9.50 m draft)
GT / NT:	15,549 / 6,089
Panama NT:	12,957
Suez GRT:	16,050

Capacity

Hold no. 1 m ³ :	3,889m ³
Hold no. 2 m ³ :	20,070m ³
Total m3:	abt. 23,960m ³ (excl. twd) or abt. 846,267ft ³ abt. 22,502m ³ (incl., twd w/o 6 extra panels) or abt. 794,771ft ³
Hatchover area:	abt. 1,972m ²
Tweendeck area:	abt. 1,771m ² + 6 extra panels
Lower Hold area:	abt. 1,786m ²
Total area:	abt. 5,529m ²

Container Capacity

Total Container intake:	1,023 TEU
On Deck:	536 TEU
Under Deck:	487 TEU
Basis 14mt:	648 TEU
No. of reefer plugs:	94 FEU + 28 TEU
Hold 1 container intake:	82 TEU
Hold 2 container intake:	405 TEU
Hatch 1 container:	72 TEU
Hatch 2 container:	464 TEU

Holds/Hatches

Number of Holds:	2
Hold form:	Double skinned boxshaped/narrow stepwise in container dimensions

Hatchcovers

Hatch 1:	abt. 25.60m (25.20m opening) x abt. 13.50m (13.10m opening)
Hatch 2:	abt. 86.50m (86.10m opening) x abt. 18.40m (18.00m opening)

Tweendecks

Hatch 1:	25.20m x13.10m
Hatch 2:	86.10m x18.00m / 13.10m

Lower Hold

Hold 1:	25.20m x13.10m / 8.00m
Hold 2:	86.10m x18.00m / 13.10m

Heights

	Tanktop – Hatchcover
Hold 1:	13.27 m (aft), 11.47 m (fore)
Hold 2:	13.67 m (fore), 11.47 m (aft)

Tweendeck heights adjustable on 2 different heights (Hold 1) / 4 different heights (Hold 2)

Tanktop – Tweendeck (bottom edge):	5.32 m / 8.37m (aft), 3.52m / 6.57m (fore);
Hold 1:	3.27 m / 5.72 m / 8.77 m / 10.55 m (fore),
Hold 2:	3.52 m / 6.57 m / 8.35 m (aft)

Tweendeck (top edge) – Hatchcover:

	7.35 m / 4.32 m
Hold 1:	9.50 m / 7.07 m / 4.00 m / 2.27 m
Hold 2:	

Type of hatch covers:

	Hydraulic folding type / Combinable w/pontoons
Holds equipment:	Both holds CO ₂ fitted
Ventilation:	6 full air changes per hour

IMO Classes

In Hold

Hold 1:	Packaged goods: All classes except 5.2 (Class 1.1-1.6 under water spray system only)
Bulk:	Classes 4, 5.1, 6.1 (solids), 8 (solids), 9
Hold 2:	Packaged goods: All classes except 1.1-1.6 and 5.2
Bulk:	Classes 4, 5.1, 6.1 (solids), 8 (solids), 9

On Deck:

All classes

Class 7 generally prohibited without prior specific exception

Cargo handling gear

Cranes 2 & 3:

2 x400mt SWL El.-Hydr.Cranes NMF,
combinable up to 800 mt SWL

Crane 1:

1 x120mt SWL El.-Hydr. Cranes NMF

Outreach

Cranes 2 & 3:

18 m / 400 mt, 22m / 325 mt, 30 m / 240 mt
33 m 40 mt (aux. hoist)

Crane 1:

16 m / 120 mt,
19 m / 95 mt, 24 m / 75 mt, 32 m / 55 mt

Load distribution

Tank Top:

18,0mt/m²

Stack Load:

20 : 100mt / 40 : 135 mt

Hatch cover payload:

8,0 mt/m² (for pontoon covers, middle of hatch2)
5,0mt/m² (for hydraulic folding covers)

Stack Load:

20 : 60 mt / 40 : 80mt

Tween deck:

3.5 mt/m²

Main Engine Data

Maker and type:

MAN 7L 58/64

Output:

9,800 kW

Speed & Consumption
(Including auxiliaries)

Laden: abt. 13.5 kts on abt. 30 mt HFO/day at
90% MCR (Design draught)
Ballast: abt 13.8 kts on abt 30 mt HFO/day at 90%
MCR (Design draught)
Smooth sea, max B/F2, Douglas Sea state 2,
current less waters, no negative effect of swell, no
reefer consumption, even keel, deep water with
clean bottom. Above with shaft alternator engaged
providing base ships load.

Consumption MGO: At sea: 0 mt/day
Idle: abt. 1.7 mt/day
Working: abt. 4.0 mt/day

Manoeuvring Data

Bow Thruster: 1 x 800 kW
Rudder: Free hanging flap type (Flap is fixed now)

Aux. Engine / Generator

Aux. Engine / Generator 3 x 620 kW
Emergency Diesel: 1 x 450 kW
Shaft Generator: 1 x 900 kW

Tank Capacity

Ballast water: 9,660m³ (2,360m³ dedicated for Anti Heeling)
Fresh water: 192m³
HFO: 1,454.2m³
MGO: 218.6m³

All Details About and Without Guarantee