

CARRIER | 53'



SHIPS DESCRIPTION

THE WHALE ORCA



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Details are given in good faith but without guarantee of accuracy or completeness.

REGISTRATION

Call sign	A8TV8
IMO number	9509607
Port of registry	Monrovia
Flag state	Liberia
Shipyard	Zhejiang Ouhua China
Year of delivery	2009
Class	DNV-GL
Class notation	GL +100 A5 Multi Purpose Dry Cargo Ship, Equipped for Carriage of Containers Solas II-2, Reg.19, Strengthened for Heavy Cargo
P&I Club	Steamship Mutual

TONNAGE

DWAT	32,387 mt
Gross tonnage	22,863
Net tonnage	10,602

DIMENSIONS

Length over all	179.50 m
Length between p.p.	169.00 m
Breadth over all	28.23 m
Breadth moulded	28.00 m
Summer draught	10.80 m
Depth moulded	15.10 m
Air draft	45.00 m

HOLD/HATCH SIZES

Number of holds/hatches	5/5
Hold capacity	About 39,063 m ³
Hold 1 dimensions	12.60 m x 20.04 m
Hold 2 dimensions	25.60 m x 24.40 m
Hold 3 dimensions	25.60 m x 24.40 m
Hold 4 dimensions	25.60 m x 24.40 m
Hold 5 dimensions	12.80 m x 24.40 m
Height in holds	14.9-15.05 m
Tank top surface	2,625 m ²
Weather deck surface	2,625 m ²

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DECK LOADS

- | | |
|-----------------------|------------------------|
| ▪ Tanktop | 20.0 mt/m ² |
| ▪ Tween deck pontoons | 4.0 mt/m ² |
| ▪ Hatch covers | 4.0 mt/m ² |

HATCH COVERS/TWEEN

- | | |
|------------------------|-------------------|
| ▪ Type of hatch covers | Hydraulic folding |
| ▪ Tween deck pontoons | 30 x Panels |

PROPULSION/MANEUVERING

- | | |
|-----------------|------------------|
| ▪ Main Engine | 15,875 kW |
| ▪ Bow thruster | None |
| ▪ Service speed | Up to 14.5 knots |

BUNKERS/BALLAST CAPACITY

- | | |
|------------------|-----------------------|
| ▪ Heavy fuel oil | 1537 m ³ |
| ▪ Marine gas oil | 443 m ³ |
| ▪ Fresh water | 171 m ³ |
| ▪ Ballast water | 12,957 m ³ |

CARGO GEAR

- | | |
|-------------------------|--|
| ▪ Cranes (center mount) | 4 x hydraulic x 60 mt SWL |
| ▪ Load/Outreach | 60 mt/20 m
50 mt/24 m
40 mt/30 m |
| ▪ Tandem load | 120 mt SWL (hold 2-4) |
| ▪ Lifting beam on board | 1 x traverse x 120 mt |

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OUTREACH

- | | |
|--------------------|--------|
| ▪ At 20 m outreach | 60 ton |
| ▪ At 24 m outreach | 50 ton |
| ▪ At 30 m outreach | 40 ton |

OTHER INFO

- | | |
|-----------------------------|--------------------|
| ▪ Ventilation in hold 1-4 | 6 changes per hour |
| ▪ Ventilation in hold 5 | 7 changes per hour |
| ▪ IMO cargo under deck | Yes |
| ▪ Timber fitted | Yes |
| ▪ Fitted for Australia | Yes |
| ▪ Fitted for grab discharge | Yes |

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