

## M/V ORIENTAL SOURCES

- **IMO Number:** 9354210
- **Port of Registry:** Panama
- **Type:** Tween Deck General Cargo Ship
- **Built:** 2006, Japan
- **Class:** NK

## Dimensions

- **GRT:** 7156 M/T
- **NRT:** 3131 M/T
- **LOA:** 108.22 M
- **LBP:** 99.80 M
- **Breadth:** 19.60 M
- **Depth Moulded:** 13.20 M
- **Hold / Hatch:** 2 / 2

## Draft and Deadweight

Condition	Draft (M)	Deadweight (M/T)	TPC (MT/CM)
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Summer (SW)	8.60	10298.71	17.84
Tropical	8.78	10618.91	17.92
Winter	8.42	9979.92	17.76
Fresh Water	8.79	10298.20	17.92

## Speed and Consumption

### At Sea

- **Ballast:** About 12.5 kts, About 11.0 MT IFO 180CST + About 1.0 MT MGO DMA daily
- **Laden:** About 12.0 kts, About 11.0 MT IFO 180CST + About 1.0 MT MGO MDA daily

### In Port

- **Idle:** About 1.0 MT IFO 180CST + About 1.0 MT MGO DMA daily
- **Working:** About 1.0 MT IFO 180CST + About 2.0 MT MGO DMA daily

**\*Note:** All above under good weather conditions up to Beaufort Force 4 and Douglas Sea State 3 (max 1.25M) and no negative influence by swell/adverse current, and no abnormal conditions affecting in 24 consecutive hours, and excluding deck cargo on board, ballasting, unballasting, maneuvering operations, coastal navigation.

Vessel has liberty to burn MGO when maneuvering in canals, rivers, channels, shallow, narrow, restricted waters or restricted visibility, when starting engine, maneuvering in bad weather or entering/leaving ports.

Vessel ballasting/unballasting treat as working situation.

### Gears

- 2 Cranes, SWL 30.7 MT
  - Combined Use SWL 60.0 mt
- Max Outreach: 28.0 M
- No Grab

### POWER RECEIVING EQUIPMENT

- 1 SHORE POWER CONNECTION BOX
- NO CONNECTION CABLE AND SOCKET
- SHIP ELECTRICAL SPECIFICATION: 440V; 60HZ

### Strengths

- Tanktop:
  - Uniform: 10.80 MT/M<sup>2</sup>
  - Local: 15.00 MT/M<sup>2</sup>
- 2<sup>ND</sup> Deck & 2<sup>ND</sup> Deck Hatch Cover: 3.90 MT/M<sup>2</sup>
- Upper Deck & Upper Deck Hatch cover: 2.60 MT/M<sup>2</sup>

### Dimensions of Hatch (M)

- Hatch #1:
  - Upper Deck Hatch: L 24.50 M X B 14.00 M
  - 2<sup>nd</sup> Deck Hatch: L 25.20 M X B 14.40 M
- Hatch #2:
  - Upper Deck Hatch: L 27.30 M X B 14.00 M
  - 2<sup>nd</sup> Deck Hatch: L 28.00 M X B 14.40 M

### Hold Capacity (Grain / Bale / M<sup>3</sup>)

- Hold #1: 7133.05 / 6446.54
  - Upper Hold: 3993.54 / 3413.90
  - Lower Hold: 3139.51 / 3032.64
- Hold #2: 7453.78 / 6845.44
  - Upper Hold: 4371.58 / 3884.24
  - Lower Hold: 3082.20 / 2961.20
- Total Grain: 14588.83      Total Bale: 13291.98

\*ADA