

**M/V ORIENTAL PHOENIX**

- **IMO Number:** 9150298
- **Port of Registry:** Monrovia
- **Type:** SDBC
- **Built:** 1997, Croatia
- **Class:** BV

**Dimensions**

- **GRT:** 24533 M/T
- **NRT:** 13770 M/T
- **LOA:** 187.63 M
- **LBP:** 179.63 M
- **Breadth:** 30.80 M
- **Depth Moulded:** 15.45 M
- **Hold / Hatch:** 5 / 5

**Draft and Deadweight**

| Condition   | Draft (M) | Deadweight (M/T) | TPC (MT/CM) |
|-------------|-----------|------------------|-------------|
| -----       | -----     | -----            | -----       |
| Summer (SW) | 10.987    | 42587.0          | 51.400      |
| Tropical    | 11.216    | 43764.0          | 51.596      |
| Winter      | 10.758    | 41410.0          | 51.204      |
| Fresh Water | 11.235    | 42587.0          | 51.615      |

**Speed and Consumption****At Sea**

- **Ballast:** About 12.5 kts, About 19.5 MT IFO 380CST + About 0.5 MT MGO DMA daily
- **Laden:** About 11.0 kts, About 19.5 MT IFO 380CST + About 0.5 MT MGO MDA daily

**In Port**

- **Idle:** About 2.5 MT IFO 380CST + About 0.5 MT MGO DMA daily
- **Working:** About 5.0 MT IFO 380CST + About 0.5 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

- 4 Cranes, SWL 30.0 MT
- Max Outreach: 10.5 M
- Grab: 4 X 12 M<sup>3</sup>

### Strengths

- Tanktop: 22.24 MT/M<sup>2</sup>
- Hatch cover: 2.00 MT/M<sup>2</sup>
- Deck: 2.00 MT/M<sup>2</sup>

### Dimensions of Hatch (M)

- Hatch #1: L 12.8 M X B 16.0 M
- Hatch #2, #3, #4, #5: L 19.2 M X B 16.0 M

### Dimensions of Flat Floor at Tanktop (M)

- Hold #1: L 23.0 M X (BA 22.2 M + BF 8.4 M)
- Hold #2: L 28.0 M X B 22.2 M
- Hold #3: L 24.0 M X B 22.2 M
- Hold #4: L 28.0 M X B 22.2 M
- Hold #5: L 29.0 M X (BA 16.0 M + BF 22.2 M)

### Dimensions of Hold (M)

- Hold #1: L 23.0 M X (BA 30.0 M + BF 15.4 M) X H 13.67 M
- Hold #2: L 28.0 M X (BA 30.0 M + BF 28.8 M) X H 13.67 M
- Hold #3: L 24.0 M X B 30.6 M X H 13.67 M
- Hold #4: L 28.0 M X B 30.6 M X H 13.67 M
- Hold #5: L 29.0 M X (BA 30.4 M + BF 30.6 M) X H 13.67 M

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

- Hold #1: 7837.52 / 7469.29
- Hold #2: 10919.52 / 10438.59
- Hold #3: 10519.01 / 10137.50
- Hold #4: 10918.73 / 10441.08
- Hold #5: 10930.90 / 10547.70
- Total Grain: 51125.70      Total Bale: 49034.16

\*ADA