

SEATRADE RED

Slot capacity: 2,256 TEU



General

| | | | | |
|---------------------|----------------|---------------|--------------|-------------|
| Built | September-2016 | International | GT | NT |
| Flag | Liberia | Panama Canal | 24,901.00 | 9,207.00 |
| Port of Registry | Monrovia | Suez Canal | | 22,039.00 |
| Callsign | D5LR9 | | | 22,271.14 |
| IMO/Lloyds nr | 9690107 | | Draft | DWAT |
| Length over all [m] | 185.00 | Tropical | 10.21 | 28,007 |
| Beam [m] | 30.00 | Summer | 10.00 | 27,025 |
| Depth [m] | 16.50 | Winter | 9.79 | 26,050 |
| Bowthruster(s) | 1 x 1,200kW | Design | 9.00 | 22,380 |

Classification Details

| | |
|--|---|
| Classification Society | Bureau Veritas (BV) |
| Main Class symbols | I, +Hull, +Mach |
| Service Notations | Container Ship |
| Navigation Notations | Unrestricted Navigation |
| Additional Class Notations | CPS(WBT), +AUT-UMS(SS), +SYS-NEQ-1(SS), GREEN PASSPORT, CLEANSHIP, SEEMP, INWATERSURVEY |
| Machinery | +MACH |
| Class' Ice Notation | |
| Equivalent Finnish/Swedish Ice Strenghtening | - |

Cargo Gear

3 Cranes x 45.0 mt



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Container slot flexibility

| | <u>Holds</u> | <u>Deck & Hatches</u> | <u>Total</u> |
|---------------------|--------------|---------------------------|--------------|
| 20'x8'6"(+40'x8'6") | 888 (0) | 1,368 (0) | 2,256 (0) |
| 40'x8'6"(+20'x8'6") | 430 (28) | 668 (8) | 1,098 (36) |
| 40'x9'6"(+20'x8'6") | 362 (28) | 618 (8) | 980 (36) |

320 x 45' on deck
Homogeneous intake of TEU's of 14mt: 1,580

Actual intake and distribution always subject to a vessel's stability, trim, bending moments, sheer forces, deadweight, permissible weights, permissible lashing gear break loads, container lashing and stowage plans, ranges of visibility, IMDG stowage/segregation requirements, Panama / Suez Canal Regulations and/or Cargo Securing Manual.

Under stowage

26 x 20' units are required as understowage when loading upto full capacity with 40' units.
In the holds the 40' reefer slots overstay 14 x 40' non reefer slots.
Check container plan for the details.

Reefer Plugs

Deck: 358
Holds: 314
Total: 672

Cooling Water Plugs

Vessel is equipped with 340 water cooling plugs in holds 1-5.
The use of water cooling is optional in holds 2-5, but will reduce fuel consumption. Alternatively mechanical air supply of 4500 m3/h/cont with direct distribution to reefer stowage places in hold is provided for cargo holds No.2 - No.5.

Remote Reefer Monitoring System

Type: PCT
Maker: Refcon
Version: 6
RDC handheld available: Yes

Fittings

Fully cellularized for 40' containers in holds. 2 x 20' units can be loaded in one 40' cell.
Designated bays for 20' units.
Fitted with loosed lashings for 20'/40' units (OSHA).
Type of twistlocks: Full-automatic.
Cargo holds are prepared for loading up to the 5th tier 9'6" reefer containers including access for maintenance.

Permissible Stackloads

Deck/Hatches: 70 / 100 mt per 20' / 40' stack
Holds: 144 / 180 mt per 20' / 40' stack
Except hatch1 fwd: 60 / 90 mt oer 20' / 40' stack



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Hatch sizes

| <u>Hold</u> | <u>Hatches # / Type</u> | <u>Position</u> | <u>length x width</u> | <u>Panels #</u> | <u>Position</u> | <u>length x width</u> | <u>Panels #</u> |
|-------------|-------------------------|-----------------|-----------------------|-----------------|-----------------|-----------------------|-----------------|
| 1 | 2 Pontoon | Fwd | 12.64 x 15.66/10.95 | 2 | | | |
| | | Aft | 12.64 x 20.82 | 2 | | | |
| 2 | 2 Pontoon | Fwd | 12.64 x 25.80 | 2 | | | |
| | | Aft | 12.64 x 25.80 | 2 | | | |
| 3 | 2 Pontoon | Fwd | 12.64 x 25.80 | 2 | | | |
| | | Aft | 12.64 x 25.80 | 2 | | | |
| 4 | 2 Pontoon | Fwd | 12.64 x 25.80 | 2 | | | |
| | | Aft | 12.64 x 25.80 | 2 | | | |
| 5 | 1 Pontoon | Centre | 12.64 x 25.80 | 2 | | | |

Pontoon type hatch covers are weather-tight, open/closed with non-sequential operating and divided adequate to the division of container rows in the holds. The panels are not interchangeable.

Hatch 1 Fwd: 22.5 mt each panel

Hatch 1 Aft: 31 mt each panel

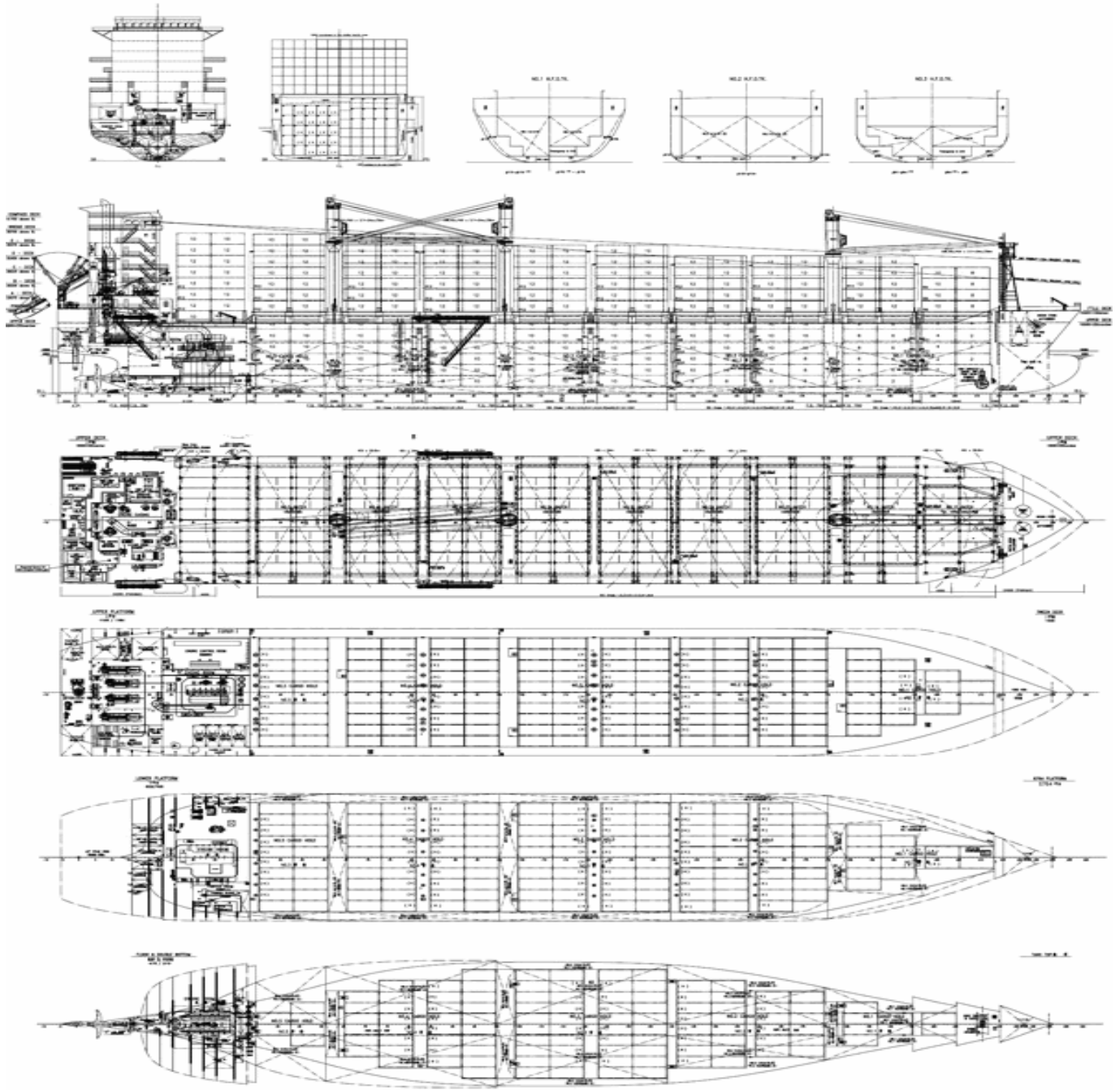
All other hatches: 37 mt each panel

Maximum panel weight including fixed fittings, bottom twist-locks and turnbuckles is 40 mt.



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General Remarks

- Nominal Container Intake is based on maximum available empty standard (8'6") container slots whereby IMO visibility rules are respected.
- Effective Container Intake is based on the Nominal Container Intake but then for laden containers with the indicated weight whereby max stackweights are respected.
- Homogeneous TEU Intake at 14 mt is a theoretical figure based on standard (8'6") 20 ft containers of 14 mt, homogeneously loaded with the vertical center of gravity at 45% of the container height. The requirements for minimum stability and maximum draft are hereby respected.

