Slot capacity: 2,256 TEU



General			GT	NT
Built	September-2016	International	24,901.00	9,207.00
Flag	Liberia	Panama Canal		22,039.00
Port of Registry	Monrovia	Suez Canal		22,271.14
Callsign	D5LR9			
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** 

CPS(WBT), +AUT-UMS(SS), +SYS-NEQ-1(SS), GREEN PASSPORT, CLEANSHIP, SEEMP, **Additional Class Notations** 

**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>	Deck & Hatches	<u>Total</u>
888 (0)	1,368 (0)	2,256 (0)
430 (28)	668 (8)	1,098 (36)
362 (28)	618 (8)	980 (36)
	430 (28)	888 (0) 1,368 (0) 430 (28) 668 (8)

320 x 45' on deck

Homogeneous intake of TEU's of 14mt: 1,580

Actual intake and distribution always subject to ao 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

 $26 \times 20'$  units are required as understowage when loading upto full capacity with 40' units. In the holds the 40' reefer slots overstow 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

Slot capacity: 2,256 TEU

### Hatch sizes

<u>Hold</u>	Hatches # / Type		<u>Position</u>	length x width	Panels #	<u>Position</u>	length x width	Panels #
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.

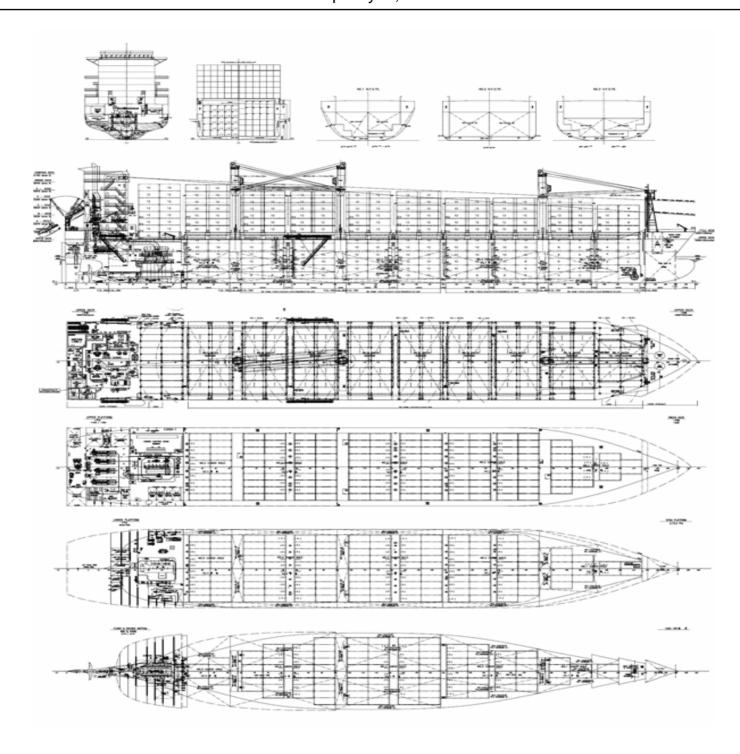
Hatch 1 Fwd: 22.5 mt each panel Hatch 1 Aft: 31 mt each panel All other hatches: 37 mt each panel

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





Slot capacity: 2,256 TEU



#### **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

