

SEATRADE ORANGE

Nominal 2,256 TEU / Homogeneous 1,580 TEU@14mt
Effective 0 FEU@30mt / Reefer Equivalent 0 pallets



General

Built	August-2016	International	GT 24,901.00	NT 9,207.00
Flag	Liberia	Panama Canal		22,039.00
Port of Registry	Monrovia	Suez Canal		26,495.98
Callsign	D5LJ7			
IMO/Lloyds nr	9690092		Draft	DWAT
Length over all [m]	185.00	Tropical	10.41	27,929
Beam [m]	30.00	Summer	10.00	26,947
Depth [m]	16.50	Winter	9.79	25,972
Bowthruster(s)	1 x 1,200kW	Scantling	10.00	27,200
		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
Equivalent Finnish/Swedish	
Ice Strenghtening	-



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Container slot flexibility

	<u>Hold</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 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 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.

Standard Voyage Container Carrying Capacity

Nr of High Cube (9.5') Reefers 358
of which Selfsustained 358

'Standard Voyage' = voyage from Panama Canal to Rotterdam, with a full cargo of bananas in the holds and departing with full bunker tanks. Containers on this voyage are considered to weigh 26 mt gross.

Reefer Plugs

Nr. of electrical Reefer Plugs 674

Cargo Gear

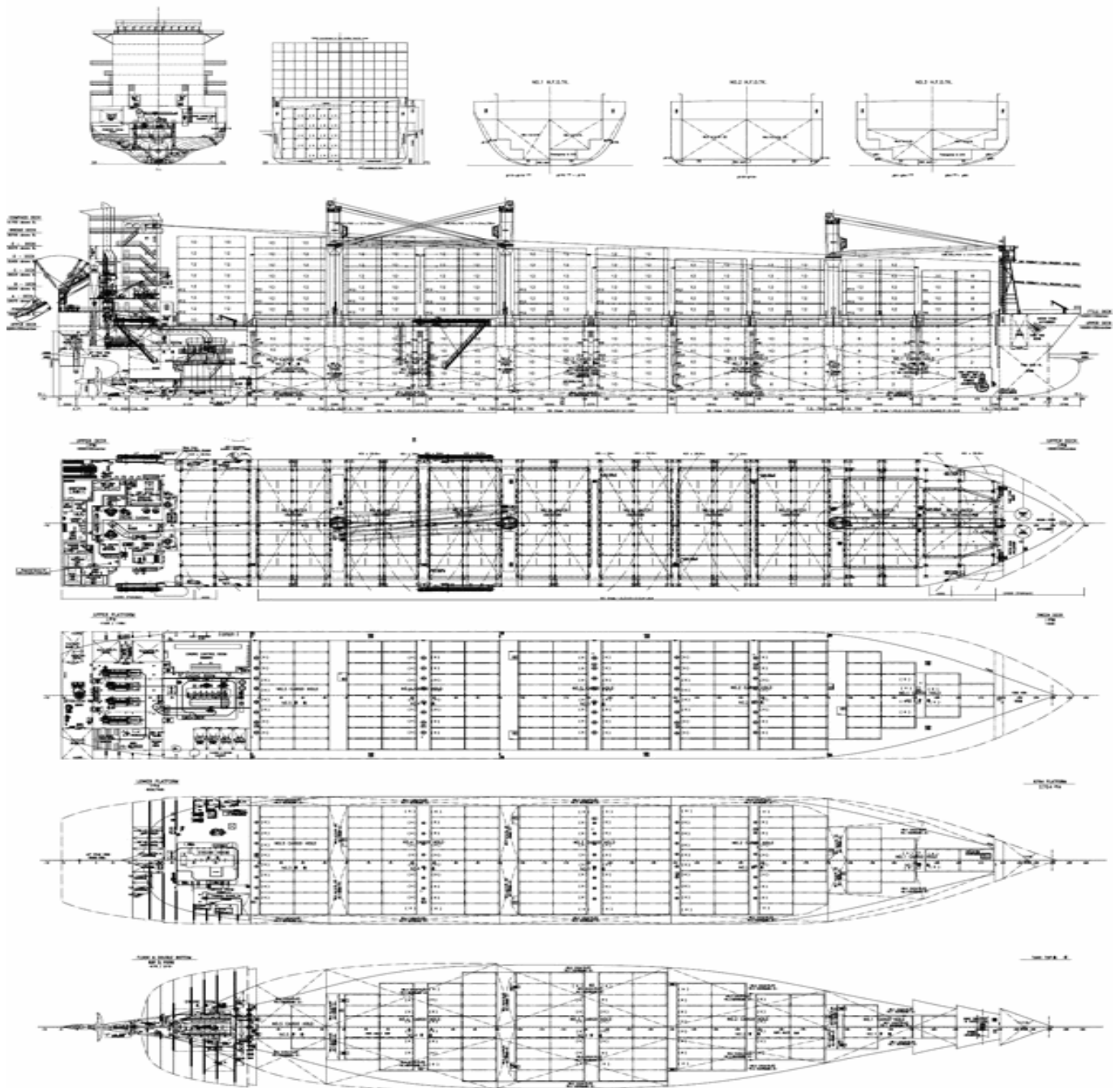
3 Cranes x 45.0 mt



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General Remarks

- Pallet Intake figures are indication only. The figures are based on a stowage factor of 1.32 pallet/sqm in reefer holds, full load of reefer containers based on the standard voyage with 20 pallets in each container
- 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 are hereby respected.

