

HELLAS REEFER

645,586 cbft / 7,565 sqm / 8,611 pallets



General

Built	September-1991	International	GT	NT
Flag	Bahamas	Panama Canal	13,049.00	5,353.00
Port of Registry	Nassau	Suez Canal		10,877.00
Callsign	C6KD8			10,958.59
IMO/Lloyds nr	9015187		Draft	DWAT
Length over all [m]	158.13	Tropical	10.22	12,935
Beam [m]	24.40	Summer	10.02	12,273
Depth [m]	15.70	Winter	9.81	11,700
Bowthruster(s)	-			
		Permanent Ballast		1,400

Reefer

Holds	4
Hatches	4
Compartments	18
Minimum Deckheight [m]	2.25 (excl local areas)
Allowable weight of forklift including cargo	maximum 7 mt (Forklift to be equipped with minimum 4 non hard rubber airtyres)
Temperature zones	7
Cooling sections	1ABC 2AB 2CDE 3AB 3CDE 4AB 4CDE
Temperature range [dC]	-29/+15
Air circulations [/hr]	30 / 60 / 90
Air renewals [/hr]	2
USDA equipped	Yes, valid until 01-April-2021
Controlled Atmosphere	CA pre-piped
Modified Atmosphere	No equipment on board



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Classification Details

Classification Society	Bureau Veritas (BV)
Main Class symbols	I, +Hull, +Mach
Service Notations	Refrigerated Cargo ship
Navigation Notations	Unrestricted navigation
Additional Class Notations	+AUT-UMS(SS), +ALP(SS)
Machinery	+MACH
Equivalent Finnish/Swedish	
Ice Strengthening	-

Reefer Compartment Capacity Breakdown

	Hold 1		Hold 2		Hold 3		Hold 4		Total	
	Cbft	Sqm	Cbft	Sqm	Cbft	Sqm	Cbft	Sqm	Cbft	Sqm
A	39,492	404.00	45,040	494.00	42,744	481.00	43,741	494.00	171,017	1,873.00
B	29,456	319.00	40,347	480.00	40,075	485.00	41,537	501.00	151,415	1,785.00
C	24,222	242.00	36,544	445.00	38,712	484.00	40,072	505.00	139,550	1,676.00
D			33,605	395.00	39,538	478.00	40,471	475.00	113,614	1,348.00
E			20,662	260.00	26,352	332.00	22,976	291.00	69,990	883.00
Total	93,170	965.00	176,198	2,074.00	187,421	2,260.00	188,797	2,266.00	645,586	7,565.00

Hold 1-4 Legend

Non insulated Deck, air passes through (aka Spar Deck)

Insulated, air tight Deck or Tanktop

Non Insulated, air tight Deck

Hatch sizes

	Hold 1	Hold 2	Hold 3	Hold 4
	l x b	l x b	l x b	l x b
Deck	13.70 x 10.70	13.70 x 10.70	13.70 x 10.70	13.70 x 10.70
A	13.70 x 10.70	13.70 x 10.70	13.70 x 10.70	13.70 x 10.70
B	13.70 x 5.60	13.70 x 10.50	13.70 x 10.50	13.70 x 10.50
C		13.70 x 10.70	13.70 x 10.70	13.70 x 10.70
D		13.70 x 10.70	13.70 x 10.70	13.70 x 10.70



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Container Carrying Capacity		Max FEU's	Add. TEU's	Max TEU's	Add. FEU's
<u>On Weather Deck and Hatches</u>					
Empty Positions	Standard	170	0	332	0
Max Stackweight	Standard	150	0	300	0
Max Stackweight - Self-sustained	Standard	146	0	292	0
Empty Positions	High Cube	164	0	0	0
Max Stackweight	High Cube	144	0	0	0
Max Stackweight - Self-sustained	High Cube	140	0	0	0
<u>Reefer Hold</u>					
Empty Positions	Standard	70	0	140	0
Max Stackweight	Standard	70	0	140	0
Max Stackweight - Self-sustained	Standard	70	0	140	0
Empty Positions	High Cube	54	0	0	0
Max Stackweight	High Cube	54	0	0	0
Max Stackweight - Self-sustained	High Cube	54	0	0	0

'Max Stackweight' and 'Max Stackweight - Self-sustained' are the number of laden containers that can be loaded basis the maximum stackweight, calculating 26 mt gross for a laden FEU and 14 mt gross for a laden TEU
Above figures are as per vessel's technical layout. Actual container intake is subject to master's approval and depending on stability, stackweight and visibility.

Standard Voyage Container Carrying Capacity

Nr of High Cube (9.5') Reefers 144
of which Self-sustained 140

'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 147

General Note Container Carrying Capacity

3rd tier on deck in bay 10 is not self-sustained.

2nd tier on deck in bay 10 is only self-sustained if the vertical height of the spreader is less than 3.5 meters from hook till spreader.

Cargo Gear

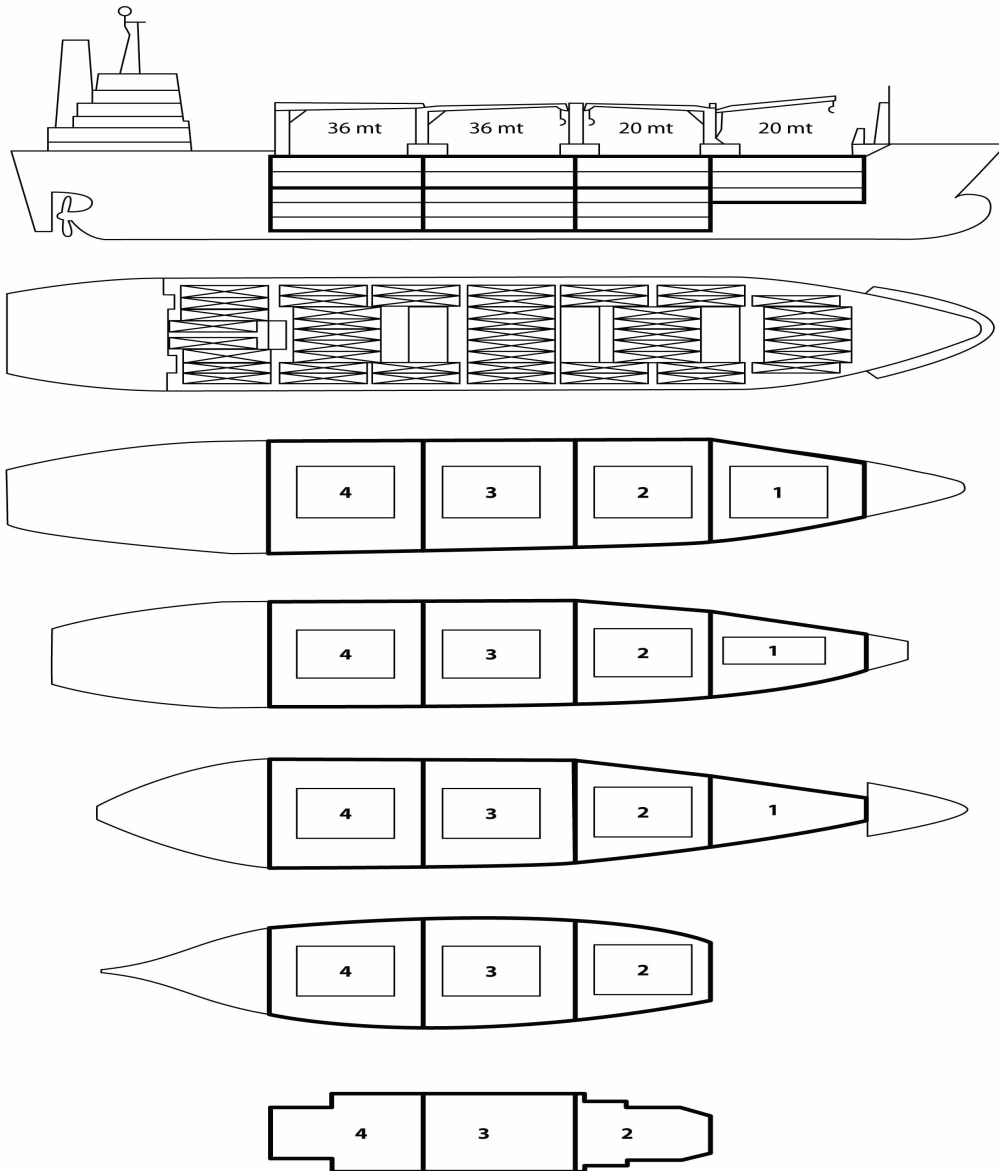
2 Cranes x 40.0 mt or 8.0 mt in high speed modus

2 Cranes x 20.0 mt or 1 x 40.0 mt in Twin



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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

