

# COSTA RICAN STAR

## SHIP'S PARTICULARS



**IMO NO. 9150822**

<b>Built</b>	Japan 1997 (lengthened 2013)
<b>Flag / Port of Registry</b>	Liberia
<b>Gross Tonnage</b>	15,058
<b>Nett Tonnage</b>	7480
<b>Summer Deadweight</b>	14560.9 tonnes
<b>Summer Draft</b>	9.018 m
<b>Length, overall</b>	184.80 m
<b>Breath, extreme</b>	24.00 m
<b>Class</b>	I-HULL-MACH Refrigerated Cargo Ship – Equipped for carriage of containers Unrestricted Navigation MON SHAFT - REF-CARGO
<b>Maximum Speed</b>	19 knots
<b>Call sign</b>	A8KK4
<b>Holds / hatches</b>	5/5
<b>Temperature compartments / zones</b>	16/8
<b>Controlled atmosphere zones</b>	8
<b>Common temperature spaces</b>	1 F/ABC, 2 AB/CD, 3 AB/CD, 4 AB/CD
<b>Ventilation</b>	90 air circulations per hour 2 air renewals per hour
<b>Temperature range</b>	+15° / -25° Celsius
<b>Gratings suitable for pneumatic-tyred forklifts with all-up weight of</b>	5 tonnes

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CUBIC FEET / SQUARE METRES PER FRUIT COMPARTMENT:								
	#1		#2		#3		#4	
<b>A</b>	47979	532.0	44345	477.2	44126	487.2	47664	531.2
<b>B</b>	32910	316.6	35633	429.0	40759	489.9	40803	489.8
<b>C</b>	17237	207.7	30890	385.0	38348	489.6	36180	434.8
<b>D</b>	10820	125.3	29029	327.4	36581	440.9	32211	355.8
<b>Totals</b>	108946	1181.6	139897	1618.6	1160314	1907.6	156858	1811.6

**GRAND TOTALS: 566015 CUBIC FEET / 6519.4 SQUARE METRES**

APPRX. ISO PALLETS PER COMPARTMENT (SIZE 1000 X 1200)				
	#1	#2	#3	#4
<b>A</b>	416	369	387	414
<b>B</b>	234	330	387	391
<b>C</b>	152	301	394	342
<b>D</b>	92	253	356	276
<b>Totals</b>	894	1253	1524	1423

**GRAND TOTAL: 5094 PALLETS**

HATCH SIZES (M)				
	#1	#2	#3	#4
<b>Weather</b>	12.60 x 8.00	9.789x 8.00	9.789x 8.00	9.789x 8.00
<b>A</b>	12.60 x 8.00	9.789x 8.00	9.789x 8.00	9.789x 8.00
<b>B</b>	9.60 x 6.00	9.789x 8.00	9.789x 8.00	9.789x 8.00
<b>C</b>	6.00 x 4.00	9.789x 8.00	9.789x 8.00	9.789x 8.00

MAXIMUM CONTAINER CAPACITY					
	8'6"	8'6"	9'6"	Stack weight 20'/40'	
	20 ft	40 ft	40 ft	No.1	No.2-4
<b>On Hatch Covers</b>	105	76	76	- / 35	40,60,90/ 60,90,105
<b>On Deck</b>	119	61	61	40 / 60	60 / 105
<b>Under Deck</b>	48	6	6	40 / 60	40 / -
<b>Container Hold</b>	96	48	48		80 / 140
<b>Totals</b>	368	191	191		

\*184 reefer sockets on.

\*\*Maximum reefer container capacity is 180 units.

\*\*\*Maximum container load for a particular voyage is subject to stability, stackweight limitations, visibility from bridge and Master's approval.



### CARGO HANDLING GEAR

- 2 x 37 tonnes hydraulic cranes
- 1 x 45 tonnes Luffing crane with cargo turner
- 3 x side Loading system 12,5 tonnes (8 pallets per lift)