

# SIEM DARWIN

## TIME CHARTER DESCRIPTION



**IMO NO. 9713882**

**TYPE: CAR CARRIER**

<b>Vessel's previous name(s)</b>	M.V.LAKE GENEVA
<b>Date delivered / Builder:</b>	27 Jan 2015/IMABARI - JAPAN
<b>Flag / Port of Registry:</b>	Singapore / Singapore
<b>Call sign / MMSI:</b>	D5GF5 / 636016445
<b>Classification society:</b>	Bureau Veritas (BV)

### DIMENSIONS

<b>Length overall (LOA):</b>	199.9 m
<b>Length between perpendiculars (LBP):</b>	192 m
<b>Breadth (Beam):</b>	32.26 m
<b>Moulded depth (main deck / upper deck):</b>	34.48 m
<b>Deadweight – design (MT / draft):</b>	12900 mt at 9 m
<b>Deadweight – scantling (MT / draft):</b>	17900 mt at 10 m
<b>Keel to masthead (normal / mast lowered):</b>	49 / 45.69 m
<b>Air draft (summer / mast lowered):</b>	38.98 / 35.67 m
<b>TPC (summer draft):</b>	51.9 mt

## TONNAGES

<b>Net tonnage (NT):</b>	19125
<b>Gross tonnage (GT) / Reduced gross tonnage (if applicable):</b>	59516 / N/A
<b>Suez Canal tonnage – gross / net (SCGT / SCNT):</b>	64613.01 / 60744.47
<b>Panama Canal net tonnage (PCNT):</b>	59441

## CARGO INTAKE INFORMATION

### Total Car Stowage

(Basis Car Size RT 43L; Lx W x H: 4125mm x 1550mm, 1420mm;

Stowage distance of 300mm fore & aft car to car and 100mm right and left car to car)

**Total: 6179 units**

Deck No.	Deck Name / Type	Effective Deck Area	Lower Height (m)	Mid Height (m)	Upper Height (m)
G	Garage Deck	342	2.37	N/A	1.85
11	Car Deck	703	2.565	N/A	1.85
11U	Car Deck under Garage	—	2.44	N/A	1.85
10	Car Deck	699	2.62	N/A	2.20
9	Car Deck	696	2.64	N/A	2.20
8	Liftable Car Deck	675	2.84	3.19	4.79
7	Liftable Car Deck	546	2.20	2.55	4.20
6	Liftable Car Deck	626	3.68	4.03	5.71
5	Car Deck	555	3.05	3.40	5.10
4	Car Deck	395	2.20	N/A	3.15
3	Car Deck	368	2.20	N/A	2.63
2	Car Deck	317	2.20	N/A	2.63
1	Car Deck	257	1.85	N/A	2.29

No. of Car Deck: 11 + GARAGE DECK

## RAMP CAPACITY

	Side Ramp	Stern Ramp
<b>Deck</b>	4 & 5	5
<b>Total Ramp Length</b>	17 m	32 m
<b>Total Width of Ramp</b>	5.5 m	10.05 m
<b>Effective Width of Runway</b>	4.5 m	8 m
<b>Opening Size of the Hull</b>	5.1 m × 4.1 m (No. 5 deck) 5.1 m × 2.5 m (No. 4 deck)	8.6 m × 5.6 m (No. 5 deck)

## PERMISSIBLE LOADS

	Side Ramp	Stern Ramp
<b>Gross Weight</b>	20mt	80 mt
<b>Axle Load</b>	10 mt	40 mt

## ENGINES

Description	No	Maker	Capacity
Main engine / capacity	1	Mitsubishi 7UEC60LS-ECO-A2	12,120 kW
Aux engines / capacity	3	Daihatsu 6DE-23	1,100 kW
Bow thrusters	1	Kawasaki KT-157B5	1,290 kW
AMP (Y/N)		N	
Rudder Type		Becker Rudder	

## SCRUBBER

**Scrubber type / maker**

Open loop / Clean Marine

**Additional bunker consumption**

approx 0.7 MT/day @ 50% MCR

## BUNKER TANK CAPACITY & BUNKER SPECIFICATION

**HFO (basis 90%) (including service- and settling tanks)**

2216.8 m3

**LSMGO (basis 90%) (including service- and settling tanks) (0.1% S)**

536.5 m3

**Fuel Oil Specification**

ISO 8217:2017 RMG380 (biofuel blends at 2024 edition, max 30% m/m i.e. B30), MARPOL Annex VI compliant.

**MGO Specification**

ISO 8217:2017 DMA grade (biofuel blends at 2024 edition, max 30% m/m i.e. B30), MARPOL Annex VI compliant