



## SUNSHIP 4.900 PCTC

Type	Pure Car + Truck Carrier	Class Notation	DNV + 1A1 Car Carrier MCDK E0
Names	Mediterranean Sea, Arabian Sea	Flag	(NAUT-AW), TMON
Built	2009-2010	Call Sign	Antigua & Barbuda
Building Yard	Xiamen Shipbuilding Industry CO.	Imo Nr.	tbn

Lpp	170.20 m	Cruising Range	
Loa	182.80 m		
Breadth	31.50 m	Speed	20 kn
Depth	31,80 m	complement	31 Persons
Design Draught	7.70 m	GT	abt. 46300
		NT	abt. 13900

Deadweight	6100 on design draught	Car Capacity	4900
Cargo deck	10 cargo decks	Cargo Capacity	40000 m <sup>3</sup>

	<u>Deck loads</u>		<u>Deck height</u>
1st Deck	16 kN / 3 kN/m <sup>3</sup>	2nd Deck	2 m
2nd Deck	16 kN / 3 kN/m <sup>3</sup>	3rd Deck	2.5 m / 3 m / 4.7 m
3rd Deck	88 kN / 20 kN/m <sup>3</sup>	4th Deck (liftable)	2.2 m / 1.7 m / 0 m
5th Deck	169 kN / 20 kN/m <sup>3</sup>	5th Deck	3 m / 3.6 m / 5.3 m
7th Deck	88 kN / 20 kN/m <sup>3</sup>	6th Deck (liftable)	2.3 m / 1.7 m / 0 m
9th Deck	16 kN / 3 kN/m <sup>3</sup>	7th Deck	2.2 m / 4.1 m
10th Deck	16 kN / 3 kN/m <sup>3</sup>	8th deck	2 m/ 0m
11th Deck	16 kN / 3 kN/m <sup>3</sup>	9th, 10th, 11th Deck	2 m
movable decks	3 liftable decks ( 4, 6, 8)	containers on deck 5	

<u>Deck Lifter</u>			
2 truck decklifter			
2 ramps (1 stern ramp + 1 side ramp, both on starboard)			
max. heel	3 degrees	Ramps	hydraulically operated ramp movable
max. trim	1.5 degrees		between deck 5 to deck 4 or into the
total ramp length	32 m		fixed ramp on deck 3
distribution load	20 kN/m <sup>3</sup>		

Water Ballast	5800 m <sup>3</sup>	MDO	180 m <sup>3</sup>
HFO	3500 m <sup>3</sup>	LO	50 m <sup>3</sup>
		FW	300 m <sup>3</sup>

Propulsion	1 fixed Propeller	Low Sulphor Management	
Main Engine	MAN B&W 9S50MC-C;12,798 kW x 122.6 r/min	Bow Thruster	1100 kW
Auxiliaries	2 x 990kW, diesel driven 3 x 740kW, diesel driven	Consumption	
		Ventilation	10 air changes/hr during sea voyages 20 air changes/hr during loading and unloading

Vessel is fitted with all modern nautical aids and communication systems for world wide trade.

All details are about and given in good faith and believed to be true, but without guarantee.