

SHIP'S PARTICULARS

Vessel's name	TIJUCA	Inmarsat – V-Sat	
Flag	NORWEGIAN (NIS)	Fax	- +870 764876177
Port of Registry	Tønsberg	Bridge tel.	- +47 23675660
Official no.	n/a	Master tel.	- +47 23675661
IMO no.	9377511	Inm. Fleet	- +870 764876176
Call Sign	LAFV 7	E-mail	<u>Master.tijuca@osl.barbership.com</u>
Type	LCTC	Gsm 3G	- +47 971 97 940
Number of car decks	13	Inmarsat - C	
Total Capacity	7976 RT-43 ,67047 M²	Inmarsat C 1	425980510
Keel laid	14.07.2008	Inmarsat C 2	425980511
Launched	04.10.2008	MMSI no.	259 805 000
Delivered	19.12.2008	Bunker Capacity (M ³)	
Shipyard	DSME, Okpo	F. O.	5150.2 m³
Lightship weight	23515 T	D. O.	411.1 m³
Class	Lloyds Register of Shipping (LR)		
Built by	Daewoo Shipbuilding & Marine Engineering CO., LTD. KOREA		

Dimensions		Tonnages	Gross	Net
Length Overall (L.O.A.)	231.60 m	International	71673	33513
Breadth moulded	32.26 m	Suez Canal	77849.19	71837.97
Depth (mld) upper deck	34.70 m	Panama Canal	71525	71525
Depth (mld) no. 5 car deck	14.30 m	Japan Special	----	----
Freeboard (summer) no. 5 car deck	3.016 m			
Height from keel to mast	61.98 m			

	Freeboard	Draft	Deadweight	Displacement
Tropical Fresh Water (TFW)	2.572 mm	11.762 m	31577.4	55093.1
Fresh Water (FW)	2.807 mm	11.527 m	30095.0	53610.7
Tropical (T)	2.781 mm	11.553 m	31603.4	56119.1
Summer (S)	3.016 mm	11.318 m	30089.3	53605.0
Winter (W)	3.521 mm	11.083 m	28582.0	52097.7

Stern Ramp		Side Ramp	
Stern ramp total length	48.2 m	Side ramp total length	25.3 m
SWL	320 Ton	SWL	30.0 Ton
Axle load (4 wheels/axle)	35.0 Ton	Axle load (2 wheels/axle)	15.0 Ton
Clear distance needed to transom	38.0 m	Distance bow to forward end of ramp	155.1 m
Clear breadth needed from shipside	14.3 m	Total length from ship's side	25.3 m

Owner: Wilhelmsen Lines Shipowning AS-Lysaker, Norway		Operator: Wilhelmsen Ship Management	
Charterer: Wallenius Wilhelmsen-Stockholm		P & I: Gard	
Main engine type: MAN B&W Diesel Engine 8S60ME-C MCR 18080 Kw x 105 rpm	Power (kW) Max load (100%): 18080 Normal load (90%): 16272	Consumption and emission (g/kWh) Fuel: - 176,46 CO ₂ : - 542,61 NO _x : - 12,38	
Service speed (90% of MCR): 15% sea margin & SG included	At design draft : 9.50 m, At scantling draft: 11.30 m,	20,6 kts	18,8 kts
Propeller (blades, diameter, RPM):	Right Hand 5 Blade Fixed Pitch Propeller Dia. 6.90 m		
Auxiliary engine (type & capacity): 2 x MAN B&W 9L21/31 1800 kW @ 900 rpm Type of fuel: HFO 380 cSt / MGO	Power (kW) Normal sea load: shaft generator 735kW In port: 1300 kW	Consumption and emission (g/kWh) Fuel: - 200,00 (only in port) CO ₂ : - 623,18 (only in port) NO _x : - 7,43 (only in port)	
Bow thrusters (type & capacity): AC 3,300V, 4 blade, Tunnel type, (CPP)	2000 kW		