

MV SENORITA

OWNER: UGLAND SHIPPING AS
FLAG: NORWEGIAN (NIS REGISTER)
PORT OF REGISTRY: GRIMSTAD
CALL SIGN: LAEG7

OPERATOR: UGLAND BULK TRANSPORT A/S
P.O. BOX 128, 4891 GRIMSTAD, NORWAY
TEL NO : +47-37 29 26 00
FAX NO : +47-37 29 26 61
E-MAIL : b-operat@jjuc.no
Website : www.jjuc.no

BUILT BY: TSUNEISHI SHIPYARD, CEBU, THE PHILIPPINES

YEAR BUILT: 2008



Description

Multipurpose bulk carrier. Single screw, diesel driven steel ship. Divided by 7 watertight bulkheads into 5 cargo holds, engine room and peak tanks. Topside ballast tanks and hoppersided double bottom tanks are fitted continuously in way of cargo holds to give usual bulk carrier cross section configuration. Ship is fitted for carrying logs and packaged lumber.

Class

Det Norske Veritas (DNV). Bulk Carrier, strengthened for heavy cargoes, No. 2 & 4 holds may be empty.

Principal Dimensions

(Principal dimensions also apply to MV SENORITA, built in 2008. Dimensions may differ slightly.)

(m = meters; Mt = metric tonnes)

Length overall	189.99 m
Length between perpendiculars	185.60 m
Breadth moulded	32.26 m
Depth moulded	18.00 m
Draught on Summer marks	12.828 m
Deadweight at Summer marks	58,663 Mt
T.P.C.:	57.44 Mt
Distance from waterline to top of hatchcoaming in light ballast condition:	14.34 m midship
Distance from waterline to top of hatchcoaming in heavy ballast condition:	11.14 m midship
Distance from waterline to top of mast in heavy ballast condition:	40.579 m

Gross tonnage:	International 32,379	Suez Canal 33,340	Panama Canal 32,379
Net tonnage:	International 19,353	Suez Canal 30,694	Panama Canal 26,849

Freeboard particulars (provisional)

	Draft:	Deadweight:
Winter	12.561 m	57.237 Mt
Summer	12.828 m	58.773 Mt
Tropical	13.095 m	60.310 Mt
Fresh Water Summer	13.122 m	58.770 Mt
Fresh Water Tropical	13.389 m	60.271 Mt

Hold / Hatches:	5/5
Grain / Bale:	72,360.3 m ³ / 70,557.8 m ³

Speed and Consumption

With vessel loaded to Design Draught, and using fuel oil with maximum viscosity of 380 c.st with low calorific value of 9.800 kcal/kg, and with 15% sea margin, the following speeds and main engine fuel consumption are expected.

With 14.0 knots	32,5 Mt IFO loaded - NDAS
With 14.0 knots	31,5 Mt IFO ballast - NDAS / always subject reconfirmation

Estimated consumption of auxiliary engines is:

Idle	:	1,7 Mt IFO + 1,7 Mt MDO	
Working 24 hrs:		1,7 Mt IFO + 3,8 Mt MDO	/ always subject reconfirmation

Main Engine

One 6 cylinder Mitsui-MAN B&W 6S50 MC single action two stroke with turbocharger NA 48
Max. Cont. Output 8,400 kW at 113 RPM
Norm. „ „ 7,140 kW at 107 RPM

Auxiliaries

Three Daihatsu 6DC-17 6 cyl. diesel engines each developing 530 kW at 900 RPM and each coupled directly to Taiyo Electric generators each of 600 KVA – 450V 60 HZ

Cargo Hatches

Five sets Mac Gregor-Kayaba hydraulic operated folding type, double skin (box) construction

Cargo Gear

Four IHI electro hydraulic deck cranes
Capacity: 30 mt - Slewing radius 26 m
Equipped for grab use
Grabs: Four Orts type EHS-B having capacity of 12 m² for general bulk cargo
Hold Ladders: Australian Waterside Workers Federation requirements
Hold ventilation: All holds fitted with natural ventilator

Fire Fighting Equipment

Engine Room: Fixed water based local fire fighting system (HYPER-LP) and high expansion foam fire extinguishing system.
Accommodation: Portable extinguishers and sea water
Cargo Hold: Sea water
Main Deck: Sea water
Galley: CO₂ fire extinguishing system

Hold and Hatch Particulars and Cargo Capacities

HOLD	CLEAR LENGTH	HOLD CAPACITY		HATCH SIZE	TANK TOP STRENGTH
		Grain m ³ incl. hatch coaming	Bale m ³ incl. hatch coaming		
1.	27.4 m	12,361.2	11,900.5	17.6 x 17.0 m	25.3 mt/m ²
2.	28.1 m	15,976.4	15,625.2	21.6 x 18.6 m	17.0 mt/m ²
3.	28.1 m	14,510.6	14,163.7	21.6 x 18.6 m	25.3 mt/m ²
4.	28.1 m	15,971.0	15,608.8	21.6 x 18.6 m	17.0 mt/m ²
5.	28.9 m	13,541.1	13,259.6	20.8 x 18.5 m	25.30 mt/m ²
Total	-	72,360.3	70,557.8	-	-

Applicable for SENORITA only:

Upper deck uniform load:	3.46 mt/m ²
Cargo hatch cover uniform load:	3.00 mt/m ²
Logs/Lumber:	Deck is fitted with sockets for log stanchions

Capacities of Tanks

WATER BALLAST TANKS						S.G. = 1.025	
COMPARTMENT	LOCATION (FR. NO.)	CAPACITY (M ³)		WEIGHT (Mt)	CENTRE OF GRAVITY (M)		MAX. INERTIA (M ⁴)
		100% Full	100% Full		LCG	VCG	
FORE PEAK TANK		219 - F.E.	2,208.6	2,264	- 86.33	8.04	4,474
NO. 1 BTM. W.B.TK.	P&S	185 - 219	895.9	918	- 67.81	1.72	6,844
NO. 1 T.S.&BTM. W.B.TK.	P&S	185 - 219	1,294.4	1,327	- 67.16	6.38	6,844
NO. 2 BTM. W.B.TK.	P&S	143 - 185	711.7	729	- 37.97	1.75	1,482
NO. 2 T.S. & BTM. W.B.TK.	P&S	143 - 185	1,301.9	1,334	- 38.03	8.54	1,482
NO. 3 BTM. W.B.TK.	P&S	108 - 143	596.2	611	- 7.16	1.76	1,242
NO. 3 T.S. & BTM. W.B.TK.	P&S	108 - 143	1,083.3	1,110	- 7.16	8.49	1,242
NO. 4 BTM. W.B.TK.	P&S	66 - 108	710.4	728	23.56	1.76	1,471
NO. 4 T.S. & BTM. W.B.TK.	P&S	66 - 108	1,294.9	1,327	23.60	8.51	1,471
NO. 5 BTM. W.B.TK.	P&S	30 - 66	758.6	778	54.62	2.24	3,558
NO. 5 T.S. & BTM. W.B.TK.	P&S	30 - 66	1,245.6	1,277	54.55	7.90	3,558
AFT. PEAK TK.		A.E - 9	1,157.6	1,187	90.14	13.46	6,113
SUB. TOTAL			15,806.4	16,201	-		
NO. 3 CARGO HOLD (W.B.)		108 - 143	14,637.2	15,003	- 7.14	10.30	81,135
TOTAL			30,443.6	31,204	-		

FUEL OIL TANKS						S.G. = 0.935		
COMPARTMENT	LOCATION (FR. NO.)	CAPACITY (M ³)		WEIGHT (MT)	CENTRE OF GRAVITY (M)		MAX INERTIA (M ⁴)	
		100% Full	96% Full		⊗ MG	KG		
NO. 1 FUEL OIL TK.	C	143-185	894.4	858.6	803	-37.89	0.85	11,459
NO. 2 FUEL OIL TK.	C	108-143	746.4	716.5	670	-7.11	0.85	9,543
NO. 3 FUEL OIL TK.	C	66-108	893.5	857.8	802	23.65	0.85	11,464
H.F.O. SETT. TK.	S	27-29	* 25.4	24.4	23	70.85	13.12	1
H.F.O. SERV. TK.	S	25-27	* 26.6	25.5	24	72.45	13.25	1
TOTAL			2,586.3	2,482.8	2,322	-		

DIESEL OIL TANKS						S.G. = 0.900		
COMPARTMENT	LOCATION (FR. NO.)	CAPACITY (M ³)		WEIGHT (MT)	CENTRE OF GRAVITY (M)		MAX INERTIA (M ⁴)	
		100% Full	96% Full		⊗ MG	KG		
DIESEL OIL TK.	P	23-31	188.8	181.2	163	71.52	14.18	30
DIESEL OIL SERV. TK.	S	20-24	* 23.8	22.8	21	75.65	15.99	9
TOTAL			212.6	204.0	184	-		

Note: 1. (-) Signs in MG indicate forward midship
 2. (*) Signs in capacity mean full of overflow position
 3. Weight of F.O. and D.O. are corresponding to 96% full capacity

DEADWEIGHT SCALE			
DRAFT	DEADWEIGHT	TPC	MTC
M	MT	MT	MT-M
	1025 1020 1015 1010 1005		
13	60000		800
12.828			L.W.L.
12	55000		
11.317			
11	50000	57	780
10	45000		760
9	40000	56	740
8	35000		720
7	30000	55	700
6	25000		680
5	20000	54	660
4	15000		640
3	10000	53	620
2	5000		600
		52	580
		51	560
		50	540
			520



