



MEDIUM FORM QUESTIONNAIRE

Date updated:	Dec 10, 2018		
Vessel name (IMO number):	Orchard Bulker (IMO: 9528017)		
Ship Type:	Semi boxshaped grabfitted log bulkcarrier		
Class:	Det Norske Veritas		
Flag:	Singapore		
Year Built / Yard:	2010, Jiangmen Nanyang Ship Engineering, China		
Communications:	Call sign: V97781		
	Telex: 456463810/1		
	Fax: +870783011753		
	Phone: +870773245716		
	Email: orchardbulker@amosconnect.com		
Loadlines:	Dwat (mt)	Draft (m)	TPC
Summer Salt Water:	32,535.00	10.15	46.00
Winter Salt Water:	31,567.00	9.94	45.80
Tropical Salt Water:	33,507.00	10.37	46.10
Cargo capacities:	Grain (Cubic Meters)		Bale (Cubic Meters)
No. 1:	7,063.20		6,639.40
No. 2:	9,652.10		9,073.00
No. 3:	9,053.00		8,509.80
No. 4:	9,650.40		9,071.40
No. 5:	8,058.70		7,575.20
Total:	43,477.40		40,868.80
Holds/Hatches:	5 / 5		
Hatch cover type:	TTS Hua Hai / Trans-folding Hatch Cover		
Hatch dimensions	Hatch #1: 14.40x17.60 Hatch #2, #3, #4: 20.00x19.20 Hatch #5: 18.40x19.20		
Cranes number/capacity/type:	4 x 30.5 MT / IHI-WUHAN, Electro hydraulic		
Grabs number/capacity/type:	3 x 8 / MZGL 8000-4-B-S NOTE: Grabs not to be used unless specific agreement has been made with owners.		
Speed and Consumption			
At sea laden condition:	Abt. 12.50 kts on abt 25.00 mt IFO RMG380 and 0.10 mt MGO DMA max 0.10% sulphur		
At sea ballast condition:	Abt. 13.00 kts on abt 22.00 mt IFO RMG380 and 0.10 mt MGO DMA max 0.10% sulphur		
	Under good weather conditions up to Beaufort 4 and Douglas Sea State 3		
In port when idle:	2.50 mt IFO RMG380 and 0.00 mt MGO DMA max 0.10% sulphur		
In port when working:	5.00 mt IFO RMG380 and 0.00 mt MGO DMA max 0.10% sulphur		
Vessel is allowed to consume MGO DMA max 0.10% sulphur when starting/stopping and maneuvering in narrow/shallow water			
	In EU ports, vessel must burn MGO DMA max 0.10% sulphur instead of MDO and IFO - idle and working.		
	Bunkers on board always to comply with ISO standard 8217:2005 or latest revision/amendments.		
Loa/Beam:	179.90m / 28.40m		
International GT/NT:	20,928.00 / 11,786.00		
Panama Canal NT:	17,311.00		
Suez Canal GT/NT:	21,811.15 / 19,594.92		
Bunker tank capacities:	1,064.30 CBM (IFO RMG380) 101.80 CBM (MGO DMA max 0.10% sulphur) (always to be confirmed by master)		
Constants:	350 mt excl. fresh water (always to be confirmed by master)		
Tank Strengths:	Tank Top	Deck	Hatch Cover
	20.00 MT/sqm	4.00 MT/sqm	3.30 MT/sqm
Other fittings:			
Logs fitted	Yes		
Cement holes:	2 , 80 cm diameter, PORT SIDE FWD PONTOON AND STBD SIDE		
Electrical ventilation:	Yes		
Grain fitted	Yes		
Are holds CO2 fitted:	Yes		
A60 bulkhead:	Yes		
Australian hold ladder	Yes		
Strengthened for heavy cargo:	Yes	Holds left empty:	2 & 4

All information about and believed to be correct.

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