

## Detailed particulars of “FURTRANS BULK”

Name	FURTRANS BULK
Previous names	-
Builders	Varna Shipyard, Bulgaria / ADIK Shipyard, Tuzla-Turkey
Year built	2006
Owner	FURMAR Shipping Limited Marshall Islands
Class	BV, Strengthened for heavy Cargoes,
Notation	I + Hull + Mach Bulk Carrier / ESP Unrestricted Navigation AUT-UMS ICE CLASS 1D MONSHAFT INWATERSURVEY

Flag	Marshall Islands
Port of registration	Majuro
Call sign	-
IMO Number	9188908

Length over all	m	186.45
Length betw perpendiculars	m	177.00
Breadth, moulded	m	30.00
Depth, moulded	m	16.20
Draught, extreme summer	m	11.48
Deadweight and draft (extreme):		

	Draft <u>M</u>	Deadweight <u>ton</u>	Displacement <u>ton</u>
Summer	11.480	41.200	51.033 ton
Winter	11.259	40.180	49.880 ton
Tropical	11.737	42.491	52.191 ton

Air draft Dist. From keel to highest point	m	46,89
Constants, excluding fresh water	ton	150 (Approximate)

Gross/Net tonnage, international	GRT/NRT	25065/13737
Gross/Net tonnage, Panama	GRT/NTR	-----/-----
Gross/Net tonnage, Suez	GRT/NTR	-----/-----
Holds/Hatches:		5/5
Electr/hydr. folding type hatch covers:		
Size, Hatch Nr. 1	m	19.72x15.36
Size, Hatch Nr. 2-5	m	19.29x15.36

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Cargo Hold capacities:

	Grain, m <sup>3</sup>	Bale, m <sup>3</sup>
Hold No.1	9690	9460
Hold No.2	10750	10560
Hold No.3	10730	10550
Hold No.4	10790	10600
Hold No.5	10640	10430
<b>TOTAL</b>	<b>52600</b>	<b>51600</b>

Strength of tank top:

Alternate load:Holds 1 & 3 & 5	ton/m <sup>2</sup>	27.923 / 22.733 / 22.687
Homogenous load:Hold 1-5	ton/m <sup>2</sup>	19.0 t / m <sup>2</sup>
Streight, hatch covers	ton/m <sup>2</sup>	1.75 t / m <sup>2</sup>
Streight, main deck	ton/m <sup>2</sup>	2.00 t / m <sup>2</sup>

Distance from deck/top of hatch cover to

Under crane pedestal(with adaptor) m 9.00 / 6.92

Distance waterline to top of hatch

Coamings in ballasted condition:

Heavy ballast condition:

At No 1 – 5 m 10.234

Light ballast condition:

At No 1 m 12.374

At No 3 m 11.754

Breadth of flat tanktop. Fore/aft

Hold No 1 m 7.50/22,08

Hold No 2 m 22,08/22,08

Hold No 3 m 22,08/22,08

Hold No 4 m 22,08/22,08

Hold No 5 m 22,08/16.312

Length of flat tanktop,

Hold No 1(excludingcorrugation) m 25.84 m

Hold No 2,3,4(excludingcorrugation) m 25.245 m

Hold No 5(excludingcorrugation) m 26.775 m

Electr/hydr deck cranes, Capacity

ton SWL

4x30 Macgregor (25 ton shackle for grabs)

Grabs

No Grabs On Board

Grab Control Equipment for electro-hydraulic Grab Control

4xEX 1120 Grab Control Eq.

Cranes, outreach from ship's side

m

9.00

Cranes, hoisting speed

m/min

18 (at 30 ton SWL)

Cranes, Luffing time

sec

60

Cranes, Slewing speed

r/min

0.8

CO2 engine room

Yes

CO2 cargo holds

Yes

Cargo hold ventilation

Mechanic

Australian Hold Ladder

Yes

Complement

26

Actual number of crew/officers

25

## Detailed particulars of “FURTRANS BULK”

Main engine		MAN B&W - 8L50MC
MCR	kW	8340

Speed and Consumption		
Loaded		14.5 knots, 29.5 ton/day (HFO)
Ballast		15.0 knots 29.5 ton/day (HFO)
Diesel generator		1,50 ton/day (HFO)
		190 + 3%g/kW.h

**ACTUAL SPEED AND CONSUMPTION WILL BE DETERMINED AFTER THE INCLINATION TEST AND SEA TRIAL.**

Speed based on clean propeller surface, cleaned & fresh painted underwater hull surface, sailing conditions at min 90 mtr seawater depth, 7100 kW M/E output, 11.48 mtr draught, max. 2 beaufort and 5m/s wind speed.

Consumption in port		
Idle		1.70 ton/day (HFO)
Working With 4 Cranes		4.05 ton/day (HFO)

Fuel specifications:  
M/E HFO: 380 cSt, ISO8217 RMG35  
MDO:ISO 8217 DMC

Consumption MDO	The vessel reserves the right to use 10 ton /month MDO (pro rata) in lieu of HFO	
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Fuel tank capacity:		
HFO (100%)	m <sup>3</sup>	1720
MDO (100%)	m <sup>3</sup>	190
Auxiliary engine		Yanmar/6N18AL-EV 3 set x 600kW
ElectricSystem		440V/60Hz
Unmanned machinery space		Yes

Special survey due	01/2011
Next dry dock due	01/2011
	With divers inspection