



Category Wb - Ballast (SG = 1.025 tonnes/cu.m 100 % full)							
Compartment	Frames	Volume (m³)	Weight (t)	LCG (m)	TCG (m)	VCG (m)	IT (m⁴)
Fore Peak Tk C	138-152	182.83	187.401	92.313	0.000	3.826	135
No 1 Wing Db Tk P	98-134	264.78	271.399	74.304	-4.170	2.152	397
No 1 Wing Db Tk S	98-134	264.78	271.399	74.304	4.170	2.152	397
No 2 Wing Db Tk P	58-98	322.24	330.296	50.35	-4.342	2.126	517
No 2 Wing Db Tk S	58-98	322.24	330.296	50.35	4.342	2.126	517
No 3 Wing Db Tk P	22-58	247.66	253.852	27.131	-4.131	1.974	413
No 3 Wing Db Tk S	22-58	247.66	253.852	27.131	4.131	1.974	413
<b>Total</b>		<b>1852.19</b>	<b>1898.494</b>	<b>55.132</b>	<b>0.000</b>	<b>2.261</b>	

  

Category Mdo - Diesel Oil (SG = 0.860 tonnes/cu.m 100 % full)							
Compartment	Frames	Volume (m³)	Weight (t)	LCG (m)	TCG (m)	VCG (m)	IT (m⁴)
Do Service Tk S	07-10	7.030	6.046	5.300	1.050	6.250	0
No 4 Wing Do Tk P	22-30	29.870	25.688	16.672	-5.558	3.774	0
No 4 Wing Do Tk S	22-30	29.870	25.688	16.672	5.558	3.774	0
Wing Db Do Tk P	17-21	23.240	19.987	12.073	-3.589	2.129	12
Wing Db Do Tk S	17-21	21.970	18.894	12.113	3.600	2.176	11
<b>Total</b>		<b>111.980</b>	<b>96.303</b>	<b>14.109</b>	<b>0.027</b>	<b>3.274</b>	

Category Lo - Lube Oil (SG = 0.900 tonnes/cu.m 100 % full)							
Compartment	Frames	Volume (m³)	Weight (t)	LCG (m)	TCG (m)	VCG (m)	IT (m⁴)
Hyd Oil Sto Tk 1S	05-07	1.350	1.215	3.611	0.902	3.975	0
Hyd Oil Sto Tk 2S	05-07	1.210	1.089	3.612	2.088	4.024	0
Lub Oil Storage Tk P	05-07	2.570	2.313	3.611	-1.469	3.998	1
<b>Total</b>		<b>5.130</b>	<b>4.617</b>	<b>3.611</b>	<b>-0.006</b>	<b>3.998</b>	

  

Category Fw - Fresh Water (SG = 1.000 tonnes/cu.m 100 % full)							
Compartment	Frames	Volume (m³)	Weight (t)	LCG (m)	TCG (m)	VCG (m)	IT (m⁴)
Aft Peak Fw Tk C	TR-07	49.639	49.639	1.547	0.000	3.827	525
Fresh Water Wing Tk P	09-16	12.919	12.919	8.151	-4.155	3.695	7
<b>Total</b>		<b>62.560</b>	<b>62.559</b>	<b>2.911</b>	<b>-0.858</b>	<b>3.800</b>	

  

Category Oth - Other (SG = 1.000 tonnes/cu.m 100 % full)							
Compartment	Frames	Volume (m³)	Weight (t)	LCG (m)	TCG (m)	VCG (m)	IT (m⁴)
Holding Tk S	09-14	7.200	7.200	7.271	4.182	3.884	4
Sewage Tk S	14-16	6.100	6.100	9.443	4.115	3.418	2
Sludge Tk S	09-11	1.300	1.300	6.215	0.977	0.616	0
<b>Total</b>		<b>14.600</b>	<b>14.601</b>	<b>8.084</b>	<b>3.869</b>	<b>3.398</b>	

Category Cargo - Hold (Grain Capacity)							
Compartment	Frames	Volume (m³)	Volume (cuft)	LCG (m)	TCG (m)	VCG (m)	IT (m⁴)
Hold No 1	74-134	2404.00	84894.856	66.866	0.000	4.204	
Hold No 2	22-74	2081.60	73509.622	30.886	0.000	4.185	
<b>Total</b>		<b>4485.60</b>	<b>158404.478</b>	<b>50.169</b>	<b>0.000</b>	<b>4.195</b>	

  

Category Cargo - Hold (Bale Capacity)							
Compartment	Frames	Volume (m³)	Volume (cuft)	LCG (m)	TCG (m)	VCG (m)	IT (m⁴)
Hold No 1	74-134	2355.92	83196.958	66.866	0.000	4.204	
Hold No 2	22-74	2060.19	72753.549	30.886	0.000	4.185	
<b>Total</b>		<b>4416.11</b>	<b>155950.507</b>	<b>50.169</b>	<b>0.000</b>	<b>4.195</b>	

**MAIN DIMENSIONS**

LENGTH OVERALL	: 99.990 M
LENGTH OF WATERLINE (SUMMER)	: 97.690 M
LENGTH BETWEEN PERPENDICULAR	: 96.000 M
RULE LENGTH	L : 96.480 M
MOULDED BREADTH	B : 12.500 M
DEPTH	D : 6.350 M
SUMMER DRAFT	Ts : 4.746 M
SUMMER DEADWEIGHT	: 3760.64 T

GROSS TONNAGE	: 2236 GT
NET TONNAGE	: 1097 NT
MAIN ENGINE	: MAN B&W 8L 23/30 749 kW
TANK TOP LOAD	: 12.0 T/M²
GRAIN CARGO HOLD CAPACITY	: 158404.478 CUFT
BALE CARGO HOLD CAPACITY	: 155950.507 CUFT

Approved: yard Date: \_\_\_\_\_ Approved: class. Date: \_\_\_\_\_  
 Approved: owner Date: \_\_\_\_\_ Approved: outl. Date: \_\_\_\_\_

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**TANK ARRANGEMENT PLAN**

SCALE	OWNER	GN GLOBAL SHIPPING LINES INC.	W. No.
1:100	GN GLOBAL SHIPPING LINES INC.	COCHRANE SHIPBUILDERS LTD.SELBY-ENGLAND	167
DATE	01-12-2013	Proj:	01.040
CH	Fatih YILMAZ	Draw	000-006
CH PL	Fatih YILMAZ	Sheet	1

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