PART	S.G.	LOAD. (%)	Weight (MT)	LCG from M.S (+:AFT)	LCG-MT (T-M)	VCG from B.L.	VCG-MT (T-M)	F.S.M (M-MT)
IGHTSHIP			12983.00	8.070	104773	16.320	211883	
PROVISIONS CONSTANT			0.00 235.00	0.000 49.550	0 11644	0.000 11.670	0 2742	(
IO.5 CARGO DECK IO.3 CARGO DECK			5880.00 1372.50	6.480	38088 1796.00	17.600 9.83	103488 13498.40	
F.P.T.(C)	1.025	0.0	0.00	-82.140	0	11.540	0	(
NO.1 W.B.TK.(C)	1.025	100.0	132.00	-64.700	-8540	3.010	397	(
NO.2 W.B.TK.(C)	1.025	0.0	0.00	-51.940	0	4.510	0	(
NO.3 W.B.TK.(C)	1.025	0.0	0.00	-36.850	0	3.990	0	(
NO.4 W.B.T.(P)	1.025	0.0	0.00	-20.480	0	4.630	0	(
NO.4 W.B.T.(S)	1.025	0.0	0.00	-20.480	0	4.630	0	
HEEL T.(P)	1.025	38.2	211.00	-1.430	-302	1.850	390	23
HEEL T.(S)	1.025	41.0	212.00	-1.630	-346	1.860	394	22
NO.5 W.B.T.(P)	1.025	0.0	0.00	17.480	0	3.800	0	
NO.5 W.B.T.(S)	1.025	0.0	0.00	17.530	0	3.810	0	
NO.6 W.B.T.(P)	1.025	0.0	0.00	36.000	0	3.160	0	
NO.6 W.B.T.(S)	1.025	0.0	0.00	36.760	0	3.780	0	
NO.1 D.B W.B.T.(P)	1.025	100.0	386.00	-17.880	-6902	1.140	440	
NO.1 D.B W.B.T.(S)	1.025	100.0	386.00	-17.990	-6944	1.140	440	
NO.2 D.B W.B.T.(C), PERMANENT	1.025	100.0	1417.00	17.960	25449	1.090	1545	
A.P.T.(P)	1.025	0.0	0.00	83.270	0	9.190	0	
A.P.T.(S)	1.025	0.0	0.00	83.120	0	9.200	0	
F.W.T.(P)	1.000	49.0	75.00	33.910	2543	5.760	432	14:
F.W.T.(S)	1.000	69.0	75.00	32.140	2411	6.050	454	8
DRINK W.T.(P)	1.000	100.0	101.00	79.750	8055	12.580	1271	7
NO.1 F.O.T.(P)	0.980	90.0	586.00	-41.740	-24460	5.130	3006	72
NO.1 F.O.T.(S)	0.980	90.0	566.00	-42.070	-23812	5.150	2915	66
NO.2 F.O.T.(P)	0.980	85.0	543.00	24.920	13532	3.310	1797	82
NO.2 F.O.T.(S)	0.980	85.0	540.00	24.920	13457	3.310	1787	82
D.O.T.(P)	0.880	90.0	51.00	73.970	3772	11.650	594	5
D.O.T.(S) Displacement	0.880	90.0	38.00 25789.50	73.970 6.090	2811 157025	11.700 13.490	445 347918	2 3887

		SAILING	STA	TE		
DRAUGHT AT A.P	=	9.034 M	*	KMT	=	15.890 M
DRAUGHT AT MIDSHIP	=	8.665 M	*	KG (SOLID)	=	13.490 M
DRAUGHT AT F.P	=	8.296 M	*	GM (SOLID)	=	2.400 M
TRIM(+ : BY STERN)	=	0.738 M	*	FREE SURF. CORR. (GGo)	=	0.151 M
			*	GoM (FLUID)	=	2.249 M
DISPLACEMENT	=	25789.50 T	*	KGo ACTUAL (FLUID)	=	13.641 M
DRAUGHT AT LCF : Deq	=	8.722 M	*	TRIM(DIS*A)/(MTC*100)	=	0.738 M
LCB FROM M.S	=	4.734 M	*	FREE SURF. MOM.	=	3887.00 T-M
LCG FROM M.S	=	6.090 M	*	MTC	=	473.830 T-M
TRIM LEVER :A	=	1.356 M	*	LCF FROM M.S	=	13.082 M

HYDROSTATIC	PROPERTIES
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Draft	Disp.(MT)	LCB	TPC	LCF	MTC	KMT
8.722	25789.500	4.734	43.600	13.082	473.830	15.890

P/I= (I/D)*100%

D: 6.100 M

l: 5.876 M

draft(A.P):

9.034 M

PROPELLER IMMERSION :

96.3 %

PART	S.G.	LOAD. (%)	Weight (MT)	LCG from M.S (+:AFT)	LCG-MT (T-M)	VCG from B.L.	VCG-MT (T-M)	F.S.M (M-MT)
LIGHTSHIP			12983.00	8.070	104773	16.320	211883	
PROVISIONS			0.00	0.000	0	0.000	0	(
CONSTANT			235.00	49.550	11644	11.670	2742	(
NO.5 CARGO DECK			5880.00	6.480	38088	17.600	103488	
NO.3 CARGO DECK			1372.50	1.310	1796	9.830	13498	
F.P.T.(C)	1.025	0.0	0.00	-82.140	0	11.540	0	
NO.1 W.B.TK.(C)	1.025	100.0	132.00	-64.700	-8540	3.010	397	
NO.2 W.B.TK.(C)	1.025	0.0	0.00	-51.940	0	4.510	0	
NO.3 W.B.TK.(C)	1.025	100.0	656.00	-36.850	-24174	3.990	2617	
NO.4 W.B.T.(P)	1.025	0.0	0.00	-20.480	0	4.630	0	
NO.4 W.B.T.(S)	1.025	0.0	0.00	-20.480	0	4.630	0	
HEEL T.(P)	1.025	35.0	193.00	-1.430	-276	1.850	357	23
HEEL T.(S)	1.025	37.0	191.00	-1.630	-311	1.860	355	22
NO.5 W.B.T.(P)	1.025	0.0	0.00	17.480	0	3.800	0	
NO.5 W.B.T.(S)	1.025	0.0	0.00	17.530	0	3.810	0	
NO.6 W.B.T.(P)	1.025	0.0	0.00	36.000	0	3.160	0	
NO.6 W.B.T.(S)	1.025	0.0	0.00	36.760	0	3.780	0	
NO.1 D.B W.B.T.(P)	1.025	100.0	386.00	-17.880	-6902	1.140	440	
NO.1 D.B W.B.T.(S)	1.025	100.0	386.00	-17.990	-6944	1.140	440	
NO.2 D.B W.B.T.(C), PERMANEN	1.025	100.0	1417.00	17.960	25449	1.090	1545	
A.P.T.(P)	1.025	0.0	0.00	83.270	0	9.190	0	
A.P.T.(S)	1.025	0.0	0.00	83.120	0	9.200	0	
F.W.T.(P)	1.000	27.0	41.00	33.880	1389	5.410	222	14
F.W.T.(S)	1.000	38.0	41.00	32.120	1317	5.580	229	8
DRINK W.T.(P)	1.000	55.0	56.00	79.750	4466	11.770	659	7
NO.1 F.O.T.(P)	0.980	61.0	400.00	-41.610	-16644	4.390	1756	72
NO.1 F.O.T.(S)	0.980	64.0	400.00	-41.990	-16796	4.470	1788	66
NO.2 F.O.T.(P)	0.980	37.0	239.00	24.920	5956	2.640	631	82
NO.2 F.O.T.(S)	0.980	38.0	239.00	24.920	5956	2.650	633	82
D.O.T.(P)	0.880	90.0	51.00	73.970	3772	11.650	594	5
D.O.T.(S) Displacement	0.880	90.0	38.00 25336.50	73.970 5.010	2811 126830	11.700 13.610	445 344719	3887

		SAILING	STAT	E		
DRAUGHT AT A.P	=	8.718 M	*	KMT	=	15.911 M
DRAUGHT AT MIDSHIP	=	8.601 M	*	KG (SOLID)	=	13.610 M
DRAUGHT AT F.P	=	8.485 M	*	GM (SOLID)	=	2.301 M
TRIM(+ : BY STERN)	=	0.233 M	*	FREE SURF. CORR. (GGo)	=	0.153 M
			*	GoM (FLUID)	=	2.148 M
DISPLACEMENT	=	25336.50 T	*	KGo ACTUAL (FLUID)	=	13.763 M
DRAUGHT AT LCF : Deq	=	8.619 M	*	TRIM(DIS*A)/(MTC*100)	=	0.233 M
LCB FROM M.S	=	4.578 M	*	FREE SURF. MOM.	=	3887.00 T-M
LCG FROM M.S	=	5.010 M	*	MTC	=	470.359 T-M
TRIM LEVER :A	=	0.432 M	*	LCF FROM M.S	=	13.090 M

HYDROSTATIC PROPERTIES

Draft	Disp.(MT)	LCB	TPC	LCF	MTC	KMT
8.619	25336.500	4.578	43.400	13.090	470.359	15.911

P/I= (I/D)*100%

D: 6.100 M

1: 5.560 M 8.718 M

draft(A.P):

PROPELLER IMMERSION :

91.1 %

PART	S.G.	LOAD.	Weight (MT)	LCG from M.S (+:AFT)	LCG-MT (T-M)	VCG from B.L.	VCG-MT (T-M)	F.S.M (M-MT)
_IGHTSHIP			12983.00	8.070	104773	16.320	211883	
PROVISIONS			0.00	0.000	0	0.000	0	
CONSTANT			235.00	49.550	11644	11.670	2742	
NO.5 CARGO DECK			5880.00	6.480	38088	17.600	103488	
NO.3 CARGO DECK			1372.50	1.310	1796	9.830	13498	
F.P.T.(C)	1.025	0.0	0.00	-82.140	0	11.540	0	
NO.1 W.B.TK.(C)	1.025	100.0	132.00	-64.700	-8540	3.010	397	
NO.2 W.B.TK.(C)	1.025	0.0	0.00	-51.940	0	4.510	0	
NO.3 W.B.TK.(C)	1.025	100.0	656.00	-36.850	-24174	3.990	2617	
NO.4 W.B.T.(P)	1.025	0.0	0.00	-20.480	0	4.630	0	
NO.4 W.B.T.(S)	1.025	0.0	0.00	-20.480	0	4.630	0	
HEEL T.(P)	1.025	35.0	193.00	-1.430	-276	1.850	357	23
HEEL T.(S)	1.025	37.0	191.00	-1.630	-311	1.860	355	22
NO.5 W.B.T.(P)	1.025	0.0	0.00	17.480	0	3.800	0	
NO.5 W.B.T.(S)	1.025	0.0	0.00	17.530	0	3.810	0	
NO.6 W.B.T.(P)	1.025	0.0	0.00	36.000	0	3.160	0	
NO.6 W.B.T.(S)	1.025	0.0	0.00	36.760	0	3.780	0	
NO.1 D.B W.B.T.(P)	1.025	100.0	386.00	-17.880	-6902	1.140	440	
NO.1 D.B W.B.T.(S)	1.025	100.0	386.00	-17.990	-6944	1.140	440	
NO.2 D.B W.B.T.(C), PERMANENT	1.025	100.0	1417.00	17.960	25449	1.090	1545	
A.P.T.(P)	1.025	0.0	0.00	83.270	0	9.190	0	
A.P.T.(S)	1.025	0.0	0.00	83.120	0	9.200	0	
F.W.T.(P)	1.000	5.0	8.00	33.830	271	5.030	40	14
F.W.T.(S)	1.000	7.0	8.00	32.090	257	5.070	41	3
DRINK W.T.(P)	1.000	10.0	10.00	79.750	798	10.940	109	7
NO.1 F.O.T.(P)	0.980	18.0	115.00	-41.310	-4751	2.830	325	72
NO.1 F.O.T.(S)	0.980	18.0	115.00	-41.760	-4802	2.870	330	66
NO.2 F.O.T.(P)	0.980	0.0	0.00	24.920	0	0.000	0	
NO.2 F.O.T.(S)	0.980	0.0	0.00	24.920	0	0.000	0	
D.O.T.(P)	0.880	90.0	51.00	73.970	3772	11.650	594	5
D.O.T.(S) Displacement	0.880	90.0	38.00 24176.50	73.970 5.500	2811 132959	11.700 14.050	339646	2235

		SAILING	STA	TE		-
DRAUGHT AT A.P	=	8.651 M	*	KMT	=	15.960 M
DRAUGHT AT MIDSHIP	=	8.298 M	*	KG (SOLID)	=	14.050 M
DRAUGHT AT F.P	=	7.945 M	*	GM (SOLID)	=	1.910 M
TRIM(+ : BY STERN)	=	0.706 M	*	FREE SURF. CORR. (GGo)	=	0.092 M
			*	GoM (FLUID)	=	1.818 M
DISPLACEMENT	=	24176.50 T	*	KGo ACTUAL (FLUID)	=	14.142 M
DRAUGHT AT LCF : Deq	=	8.351 M	*	TRIM(DIS*A)/(MTC*100)	=	0.706 M
LCB FROM M.S	=	4.171 M	*	FREE SURF. MOM.	=	2235.00 T-M
LCG FROM M.S	=	5.500 M	*	MTC	=	455.084 T-M
TRIM LEVER :A	=	1.329 M	*	LCF FROM M.S	=	12.732 M

HYDROSTATIC PROPERTIES

Draft	Disp.(MT)	LCB	TPC	LCF	MTC	KMT
8.351	24176.500	4.171	42.800	12.732	455.084	15.960

P/I = (I/D)*100%

D: 6.100 M

1 : 5.493 M 8.651 M

draft(A.P):

90.0 %

PROPELLER IMMERSION :

D	ART	UNIT WEIGHT	QUANTITY	WEIGHT	L	CG	KG(VCG)	REMAR
Γ/	Anı	(TON)	(EA)	(TON)	LCG(M)	M(T-M)	VCG(M)	M(T-M)	HEMAN
NO.1	UPPER	30.00	2	60.0	-66.93	-4016	19.20	1152	
NO. I	LOWER	30.00	2	60.0	-66.93	-4016	16.00	960	
NO O	UPPER	30.00	2	60.0	-66.93	-4016	19.20	1152	
N0.2	LOWER	30.00	2	60.0	-66.93	-4016	16.00	960	
110.0	UPPER	30.00	2	60.0	-60.66	-3640	19.20	1152	
NO.3	LOWER	30.00	2	60.0	-60.66	-3640	16.00	960	
	UPPER	30.00	2	60.0	-57.17	-3430	19.20	1152	
NO.4	LOWER	30.00	2	60.0	-57.17	-3430	16.00	960	
W. C.	UPPER	30.00	2	60.0	-54.09	-3245	19.20	1152	
NO.5	LOWER	30.00	2	60.0	-54.09	-3245	16.00	960	
	UPPER	30.00	2	60.0	-51.02	-3061	19.20	1152	
NO.6	LOWER	30.00	2	60.0	-51.02		16.00	960	
-						-3061			
NO.7	UPPER	30.00	2	60.0	-47.95	-2877	19.20	1152	
	LOWER	30.00	2	60.0	-47.95	-2877	16.00	960	
N0.8	UPPER	30.00	2	60.0	-44.87	-2692	19.20	1152	
	LOWER	30.00	2	60.0	-44.87	-2692	16.00	960	
NO.9	UPPER	30.00	2	60.0	-41.80	-2508	19.20	1152	
	LOWER	30.00	2	60.0	-41.80	-2508	16.00	960	
NO.10	UPPER	30.00	2	60.0	-38.72	-2323	19.20	1152	
10.10	LOWER	30.00	2	60.0	-38.72	-2323	16.00	960	
NO.11	UPPER	30.00	2	60.0	-35.65	-2139	19.20	1152	
NO. 11	LOWER	30.00	2	60.0	-35.65	-2139	16.00	960	
NO.12	UPPER	30.00	2	60.0	-32.58	-1955	19.20	1152	
NU. 12	LOWER	30.00	2	60.0	-32.58	-1955	16.00	960	
UO 10	UPPER	30.00	2	60.0	-29.50	-1770	19.20	1152	
NO.13	LOWER	30.00	2	60.0	-29.50	-1770	16.00	960	
10 11	UPPER	30.00	2	60.0	-26.43	-1586	19.20	1152	
NO.14	LOWER	30.00	2	60.0	-26.43	-1586	16.00	960	
	UPPER	30.00	2	60.0	-23.35	-1401	19.20	1152	
NO.15	LOWER	30.00	2	60.0	-23.35	-1401	16.00	960	
	LIPPER	30.00	2	60.0	-20.28	-1217	19.20	1152	T
NO.16	LOWER	30.00	2	60.0	-20.28	-1217	16.00	960	
	UPPER	30.00	2	60.0	-17.21	-1033	19.20	1152	
NO.17	LOWER	30.00	2	60.0		-1033		960	
	UPPER	30.00	2	60.0	-17.21	-848	16.00		
NO.18	No. of the second second			The second second	-14.13		19.20	1152	
	LOWER	30.00	2	60.0	-14.13	-848	16.00	960	
NO.19	UPPER	30.00	2	60.0	-11.06	-664	19.20	1152	
	LOWER	30.00	2	60.0	-11.06	-664	16.00	960	
NO.20	UPPER	30.00	2	60.0	-7.98	-479	19.20	1152	
	LOWER	30.00	2	60.0	-7.98	-479	16.00	960	
NO.21	UPPER	30.00	2	60.0	-4.91	-295	19.20	1152	
	LOWER	30.00	2	60.0	-4.91	-295	16.00	960	0,0,0
NO.22	UPPER	30.00	2	60.0	-1.84	-110	19.20	1152	
	LOWER	30.00	2	60.0	-1.84	-110	16.00	960	
10.23	UPPER	30.00	2	60.0	1.24	74	19.20	1152	
,0,20	LOWER	30.00	2	60.0	1.24	74	16.00	960	
NO.24	UPPER	30.00	2	60.0	4.31	259	19.20	1152	
NU.24	LOWER	30.00	2	60.0	4.31	259	16.00	960	
10 05	UPPER	30.00	2	60.0	7.39	443	19.20	1152	
NO.25	LOWER	30.00	2	60.0	7.39	443	16.00	960	
IN 26	LIDDED	30.00	2	60.0	10.46	628	19.20	1152	11 12 121

8. CARGO LOADING(CSM)

1) NO.3 DECK

CARGO HEIGHT 4.08M

	ITEM	unit W	Q'TY	WEIGHT	LCG	L-MOMENT	VCG	V-MOMENT
	I I CIVI	(ton)	(n)	(ton)	(m)	(ton-m)	(m)	(ton-m)
NO.1	45T TRAILER(CARGO)	56.0	6	336	-25.380	-8528	9.860	3313
NO.2	45T TRAILER(CARGO)	56.0	6	336	-12.580	-4227	9.860	3313
NO.3	45T TRAILER(CARGO)	56.0	3	168	0.220	37	9.860	1656
NO.4	45T TRAILER(CARGO)	56.0	1	56	14.220	796	9.860	552
NO.5	45T TRAILER(CARGO)	56.0	4	224	27.090	6068	9.860	2209
NO.6	45T TRAILER(CARGO)	56.0	4	224	39.890	8935	9.860	2209
NO.7	45T TRAILER(CARGO)	56.0	0	0	0.000	0	9.860	0
	SUB TOTAL		24	1344	2.290	3081	9.860	13252

3) NO.3 DECK

PACKAGE CARGO HEIGHT 1.6M

ITEM		unit W	Q'TY	WEIGHT	LCG	L-MOMENT	VCG	V-MOMENT
		(ton)	(n)	(ton)	(m)	(ton-m)	(m)	(ton-m)
NO.1	PACKAGE BOX CARGO	0.5	8	4	-55.960	-224	8.610	34
NO.2	PACKAGE BOX CARGO	0.5	12	6	-50.630	-304	8.610	52
NO.3	PACKAGE BOX CARGO	0.5	5	3	-46.630	-117	8.610	22
NO.4	PACKAGE BOX CARGO	0.5	32	16	-39.970	-640	8.610	138
SUB TOTAL			57	29	-45.090	-1285	8.650	246

3) LOADING TOTAL WEIGHT

ITEM	Q'TY	WEIGHT	LCG	L-MOMENT	VCG	V-MOMENT
I I CIVI	(n)	(ton)	(m)	(ton-m)	(m)	(ton-m)
NO.3 DECK TRAILER	24	1344.0	2.290	3081	9.860	13252
NO.3 DECK PACKAGE CARGO	57	28.5	-45.090	-1285	8.650	246
TOTAL	24	1372.5	1.310	1796	9.830	13498