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GHS 18.14

Marine Response Consultants
SPIRIT OF NORFOLK FOR SALVAGE

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DEPART

SPIRIT OF NORFOLK DEPARTURE CONDITION
FUEL QUANTITY PROVIDED BY MASTER
STORES & OTHER LOADS FROM STABILITY TEST REPORT
PRIOR TO PASSENGER EVACUATION
SPECIFIC GRAVITY OF SALT WATER USED IS 1.025

DRAFT FWD @ -70 = 6.588

DRAFT AFT @ 74 = 6.477

WEIGHT and DISPLACEMENT STATUS							
Baseline draft: 6.534 @ Origin							
Trim: Fwd 0.12/160.00, Heel: zero							
Part			Weight(LT)	LCG	TCG	VCG	
LIGHT SHIP			477.11	11.25a	0.00	14.56	
FURNITURE			9.81	8.51f	0.00	21.71	
STORES			10.00	12.00f	0.00	12.00	
POTABLE WATER			40.90	42.00f	0.00	7.12	
SEWAGE FWD			2.34	22.00f	0.00	1.05	
SEWAGE AFT			3.28	14.00a	0.00	1.00	
PASSENGERS & CREW			50.00	11.00f	0.00	35.67	
Total Fixed			593.44	4.87a	0.00	15.77	
	Load	SpGr	Weight(LT)	LCG	TCG	VCG	RefHt
FUEL.S	0.518	0.870	8.59	29.00a	12.28s	4.56	-7.42
FUEL.P	0.518	0.870	8.59	29.00a	12.28p	4.56	-7.42
Total Tanks			17.17	29.00a	0.00	4.56	
Total Weight			610.61	5.55a	0.00	15.46	
			Displ(LT)	LCB	TCB	VCB	
HULL	1.025		610.58	5.54a	0.00	4.16	-6.53
Righting Arms:				0.00f	0.00		
Distances in FEET.							

HYDROSTATIC PROPERTIES								
Trim: Fwd 0.12/160.00, No Heel, VCG = 15.46								
LCF Draft	Displacement Weight(LT)	Buoyancy-Ctr. LCB	VCB	Weight/ Inch	LCF	Moment/ In trim	GML	GMT
6.524	610.58	5.54a	4.16	12.41	13.00a	140.13	440.7	12.32
Distances in FEET.			Specific Gravity = 1.025.				Moment in Ft-LT.	
			Trim is per 160.00Ft					
Draft is from Baseline.			True Free Surface included.					

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CRITICAL POINT STATUS

Baseline draft: 6.534 @ Origin
Trim: Fwd 0.12/160.00, Heel: zero

Critical Points	LCP	TCP	VCP	Height
(1) DRAFT STBD FWD	70.00f	18.25s	0.00	-6.59
(2) DRAFT PORT FWD	70.00f	18.25p	0.00	-6.59
(3) DRAFT STBD AFT	74.00a	18.25s	0.00	-6.48
(4) DRAFT PORT AFT	74.00a	18.25p	0.00	-6.48

Distances in FEET.

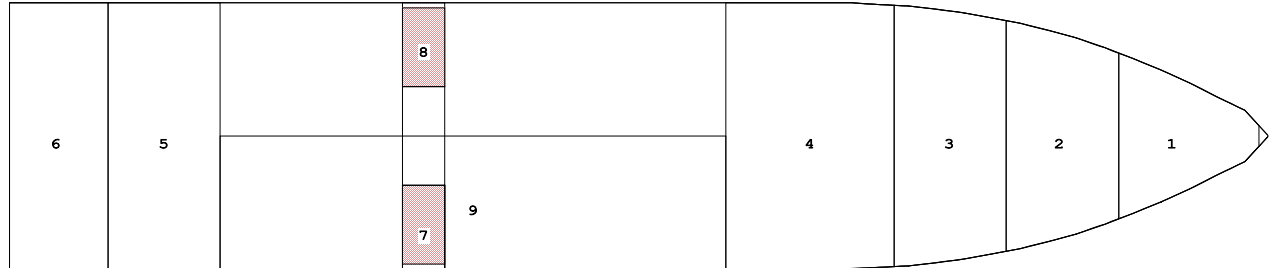
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Marine Response Consultants
SPIRIT OF NORFOLK FOR SALVAGE

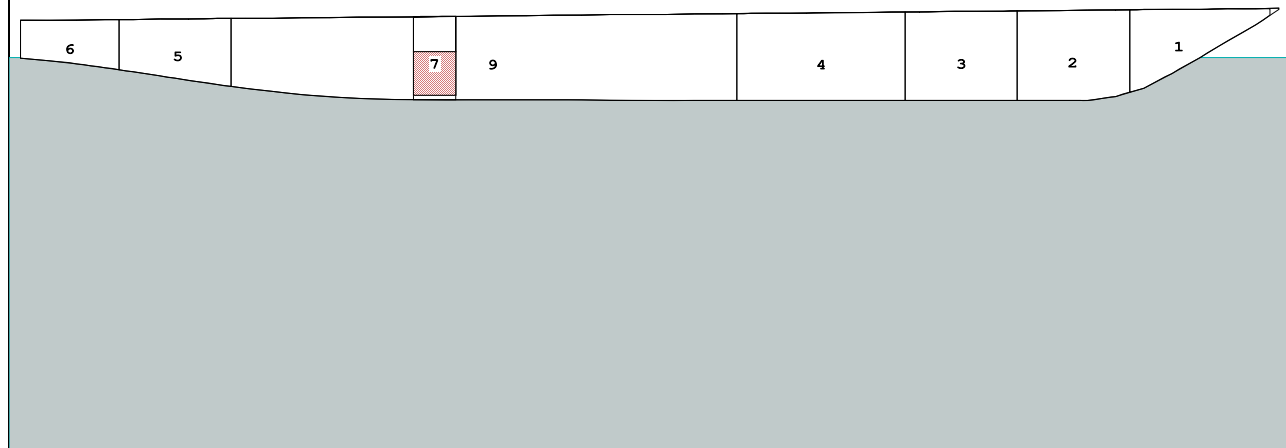
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Condition Graphic - Draft: 6.53 @ 0.00 Trim: fwd 0.12/160.00 Heel: zero

Plan View



Profile View



Tanks

1 FOREPEAK....0% SEA WATER Intact	4 HEADS.....0% SEA WATER Intact	8 FUEL.P.....52% DIESEL OIL Intact
2 THRUSTER....0% SEA WATER Intact	5 AFTVOID.....0% SEA WATER Intact	9 ER-GALLEY...0% unknown Intact
3 FWDVOID.....0% SEA WATER Intact	6 LAZARETTE...0% SEA WATER Intact	
	7 FUEL.S.....52% DIESEL OIL Intact	

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SPIRIT OF NORFOLK FOR SALVAGE

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SPIRIT OF NORFOLK DEPARTURE CONDITION
FUEL QUANTITY PROVIDED BY MASTER
STORES & OTHER LOADS FROM STABILITY TEST REPORT
PASSENGER & CREW EVACUATED
SPECIFIC GRAVITY OF SALT WATER USED IS 1.025

DRAFT PORT FWD @ -70 = 7'-6"
DRAFT STBD FWD @ -70 = 7'-0"
DRAFT PORT AFT @ 74 = 9'-9"
DRAFT STBD AFT @ 74 = 8'-5"

WEIGHT and DISPLACEMENT STATUS							
Baseline draft: 8.148 @ Origin							
Trim: Aft 1.95/160.00, Heel: Port 2.75 deg.							
Part			Weight(LT)	LCG	TCG	VCG	
LIGHT SHIP			477.11	11.25a	0.00	14.56	
FURNITURE			9.81	8.51f	0.00	21.71	
STORES			10.00	12.00f	0.00	12.00	
POTABLE WATER			40.90	42.00f	0.00	7.12	
SEWAGE FWD			2.34	22.00f	0.00	1.05	
SEWAGE AFT			3.28	14.00a	0.00	1.00	
Total Fixed			543.44	6.33a	0.00	13.94	
	Load	SpGr	Weight(LT)	LCG	TCG	VCG	RefHt
FUEL.S	0.518	0.870	8.59	29.01a	12.19s	4.56	-7.64
FUEL.P	0.518	0.870	8.59	29.01a	12.37p	4.56	-6.43
ER-GALLEY	0.483	1.025	324.17	21.24a	1.68p	4.27	-6.48
Total Tanks			341.34	21.63a	1.60p	4.29	
Total Weight			884.78	12.23a	0.62p	10.22	
			Displ(LT)	LCB	TCB	VCB	
HULL		1.025	884.71	12.29a	0.86p	5.22	-8.14
Righting Arms:				0.00	0.00p		
Distances in FEET.							

HYDROSTATIC PROPERTIES								
Trim: Aft 1.95/160.00, Heel: Port 2.75 deg., VCG = 10.22								
LCF Draft	Displacement Weight(LT)	Buoyancy-Ctr. LCB	VCB	Weight/ Inch	LCF	Moment/ In trim	GML	GMT
8.312	884.71	12.29a	5.22	12.92	13.41a	138.57	300.7	5.19
Distances in FEET.				Specific Gravity = 1.025.			Moment in Ft-LT.	
				Trim is per 160.00Ft				
Draft is from Baseline.				True Free Surface included.				

CRITICAL POINT STATUS

Baseline draft: 8.148 @ Origin

Trim: Aft 1.95/160.00, Heel: Port 2.75 deg.

Critical Points	LCP	TCP	VCP	Height
(1) DRAFT STBD FWD	70.00f	18.25s	0.00	-6.41
(2) DRAFT PORT FWD	70.00f	18.25p	0.00	-8.16
(3) DRAFT STBD AFT	74.00a	18.25s	0.00	-8.17
(4) DRAFT PORT AFT	74.00a	18.25p	0.00	-9.92

Distances in FEET.

RIGHTING ARMS vs HEEL ANGLE

Fixed CG: LCG = 6.33a TCG = 0.00 VCG = 13.94

Origin Depth	Degrees of Trim	Degrees of Heel	Displacement Weight(LT)	Righting Arms in Trim	Righting Arms in Heel	Area
8.139	0.70a	2.75p	884.83	0.00	0.000	0.00
8.036	0.71a	7.75p	884.82	0.00	0.464	1.16
7.855	0.79a	12.75p	884.79	0.00	0.843	4.46
7.682	1.00a	17.75p	884.76	0.00	0.933	9.02
7.661	1.04a	18.53p	884.72	0.00	0.935	9.75
7.543	1.26a	22.75p	884.78	0.00	0.873	13.61
7.368	1.52a	27.75p	884.76	0.00	0.661	17.50
7.151	1.78a	32.75p	884.78	0.00	0.358	20.09
6.889	2.03a	37.75p	884.78	0.00	0.005	21.02
6.885	2.03a	37.82p	884.77	0.00	0.000	21.02
6.585	2.26a	42.75p	884.91	0.00	-0.378	20.10
6.232	2.48a	47.75p	884.73	0.00	-0.773	17.22

Distances in FEET.

Specific Gravity = 1.025.

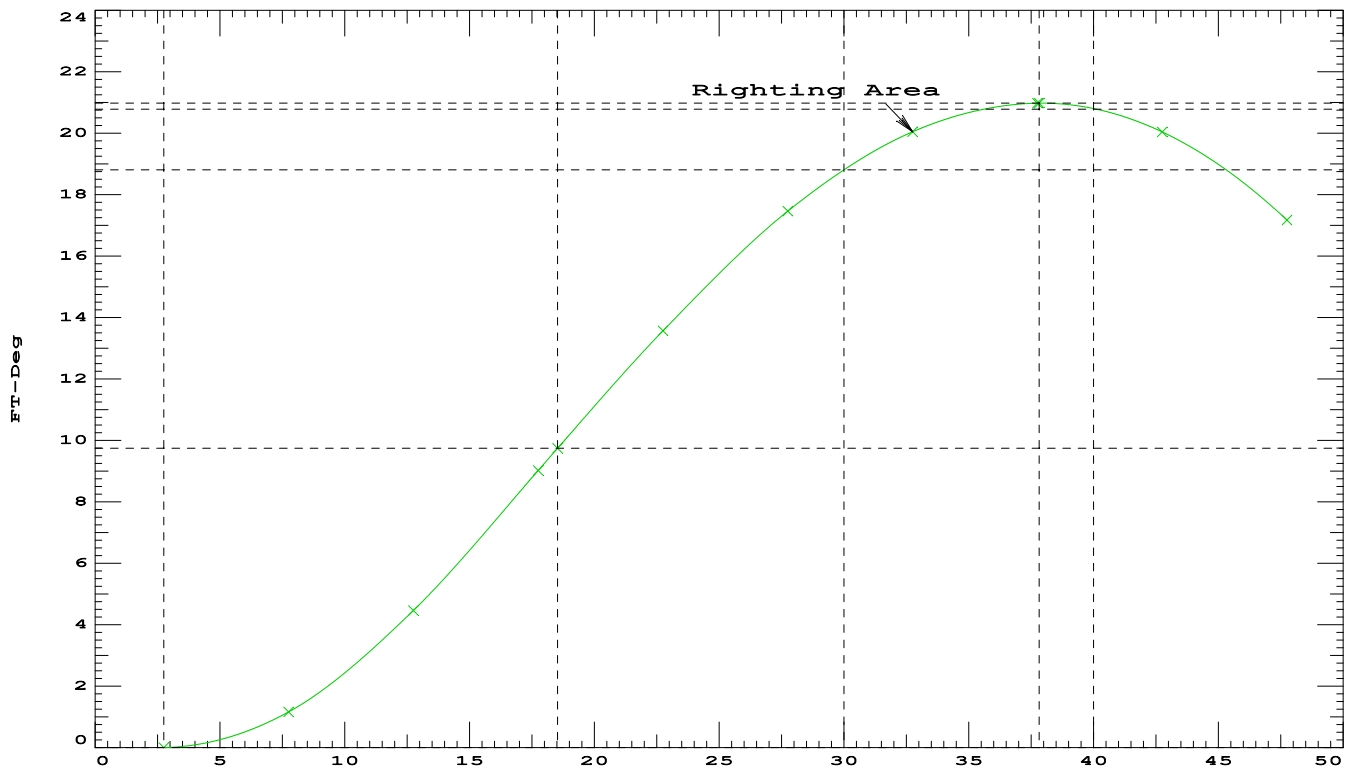
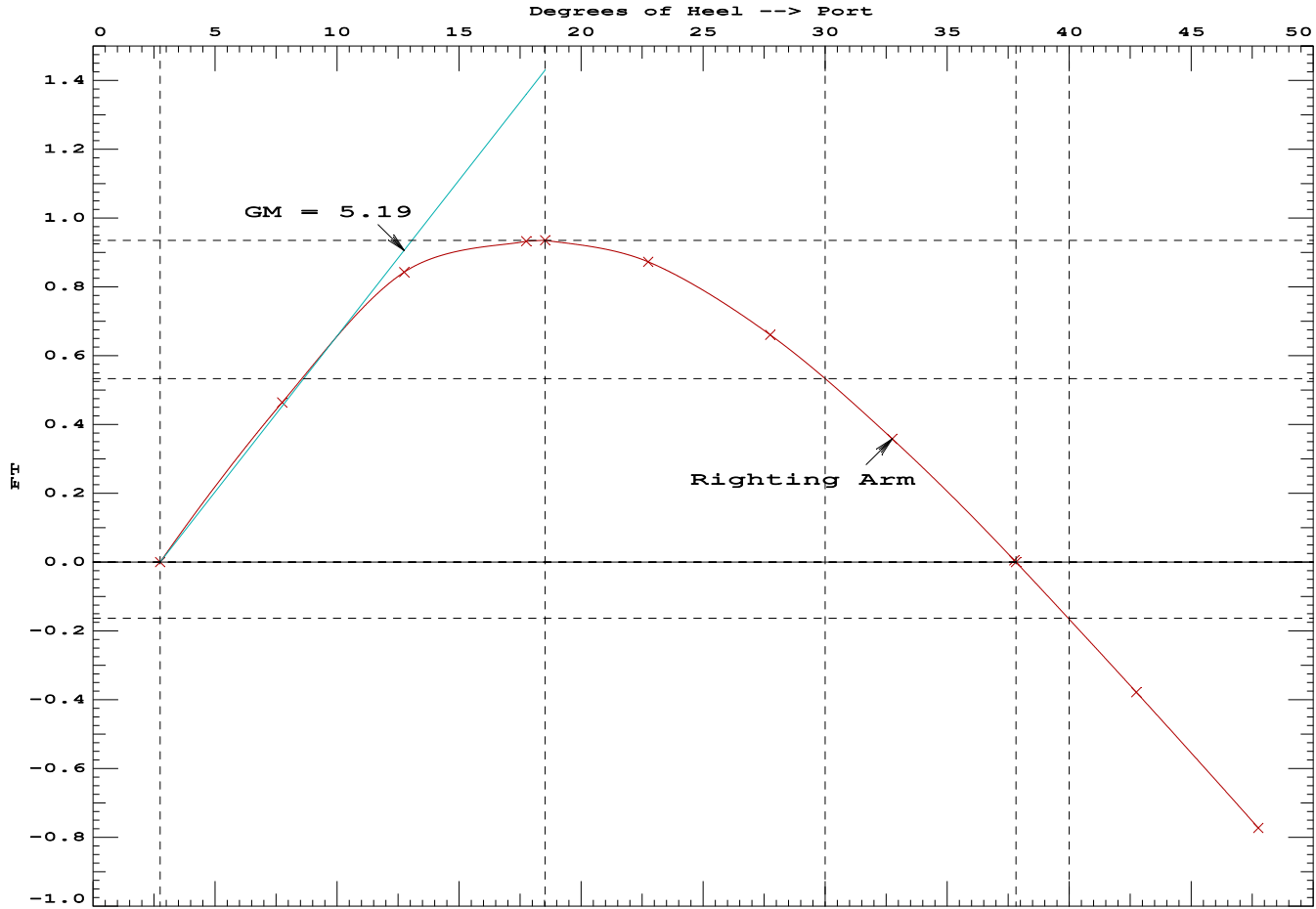
Area in Ft-Deg.

Note: The Center of Gravity shown above is for the Fixed Weight of 543.44 LT. As the tank load centers shift with heel and trim, the total Center of Gravity varies. The righting arms shown above include the effect of the C.G. variation. The free surface adjustment is for the difference between the formal and the true free surface at the initial heel.

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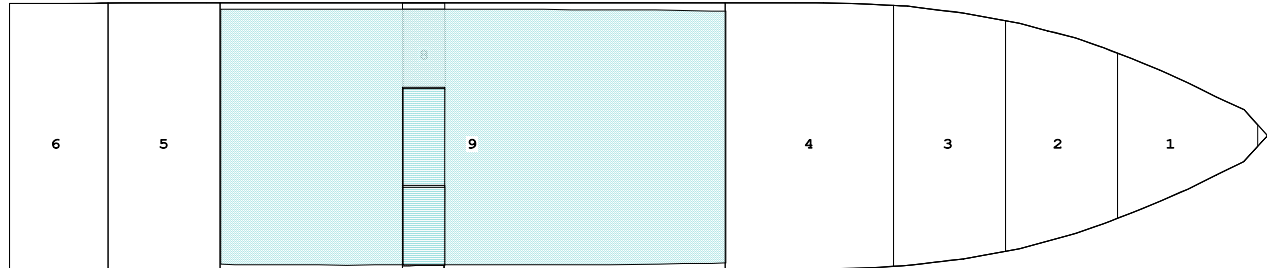
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SPIRIT OF NORFOLK FOR SALVAGE

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CG - Draft: 8.15 @ 0.00 Trim: aft 1.95/160.00 Heel: port 2.75 deg.

Plan View



Profile View



Tanks

1 FOREPEAK....0% SEA WATER Intact	4 HEADS.....0% SEA WATER Intact	8 FUEL.P.....52% DIESEL OIL Intact
2 THRUSTER....0% SEA WATER Intact	5 AFTVOID.....0% SALT WATER Intact	9 ER-GALLEY..48% SALT WATER Intact
3 FWDVOID.....0% SEA WATER Intact	6 LAZARETTE...0% SEA WATER Intact	
	7 FUEL.S.....52% DIESEL OIL Intact	

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SPIRIT OF NORFOLK FOR SALVAGE

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SPIRIT OF NORFOLK CONDITION @ PIER 4
FUEL QUANTITY PROVIDED BY MASTER
STORES & OTHER LOADS FROM STABILITY TEST REPORT
PASSENGER & CREW EVACUATED
SPECIFIC GRAVITY OF SALT WATER USED IS 1.025

DRAFT PORT FWD @ -70 = 7'-6"
DRAFT STBD FWD @ -70 = 6'-10"
DRAFT PORT AFT @ 74 = 10'-5"
DRAFT STBD AFT @ 74 = 9'-2"

WEIGHT and DISPLACEMENT STATUS							
Baseline draft: 8.492 @ Origin							
Trim: Aft 2.23/160.00, Heel: Port 3.17 deg.							
Part			Weight(LT)	LCG	TCG	VCG	
LIGHT SHIP			477.11	11.25a	0.00	14.56	
FURNITURE			9.81	8.51f	0.00	21.71	
STORES			10.00	12.00f	0.00	12.00	
POTABLE WATER			40.90	42.00f	0.00	7.12	
SEWAGE FWD			2.34	22.00f	0.00	1.05	
SEWAGE AFT			3.28	14.00a	0.00	1.00	
Total Fixed			543.44	6.33a	0.00	13.94	
	Load	SpGr	Weight(LT)	LCG	TCG	VCG	RefHt
FUEL.S	0.518	0.870	8.59	29.01a	12.17s	4.56	-7.68
FUEL.P	0.518	0.870	8.59	29.01a	12.39p	4.56	-6.28
ER-GALLEY	0.568	1.025	381.35	21.41a	1.69p	4.75	-7.52
Total Tanks			398.53	21.73a	1.62p	4.74	
Total Weight			941.97	12.85a	0.69p	10.05	
			Displ(LT)	LCB	TCB	VCB	
HULL		1.025	941.97	12.91a	0.94p	5.43	-8.48
Righting Arms:				0.00	0.00p		
Distances in FEET.							

HYDROSTATIC PROPERTIES								
Trim: Aft 2.23/160.00, Heel: Port 3.17 deg., VCG = 10.05								
LCF Draft	Displacement Weight(LT)	Buoyancy-Ctr. LCB	VCB	Weight/ Inch	LCF	Moment/ In trim	GML	GMT
8.677	941.97	12.91a	5.43	13.01	13.25a	140.51	286.4	5.04
Distances in FEET.				Specific Gravity = 1.025.			Moment in Ft-LT.	
				Trim is per 160.00Ft				
Draft is from Baseline.				True Free Surface included.				

CRITICAL POINT STATUS

Baseline draft: 8.492 @ Origin

Trim: Aft 2.23/160.00, Heel: Port 3.17 deg.

Critical Points	LCP	TCP	VCP	Height
(1) DRAFT STBD FWD	70.00f	11.00s	0.00	-6.89
(2) DRAFT PORT FWD	70.00f	11.00p	0.00	-8.11
(3) DRAFT STBD AFT	74.00a	18.25s	0.00	-8.50
(4) DRAFT PORT AFT	74.00a	18.25p	0.00	-10.52
(5) ER ESCAPE TRUNK TIGHT	54.00a	12.00s	12.50	3.91

Distances in FEET.

RIGHTING ARMS vs HEEL ANGLE

Fixed CG: LCG = 6.33a TCG = 0.00 VCG = 13.94

Origin Depth	Degrees of Trim	Degrees of Heel	Displacement Weight(LT)	Righting Arms in Trim	Righting Arms in Heel	Area	Flood Pt Height
8.478	0.80a	3.17p	942.00	0.00	0.000	0.00	3.91 (5)
8.365	0.82a	8.17p	941.92	0.00	0.442	1.11	4.94 (5)
8.205	0.98a	13.17p	941.96	0.00	0.690	4.02	5.77 (5)
8.160	1.07a	14.78p	941.93	0.00	0.701	5.14	5.98 (5)
8.092	1.26a	18.17p	941.98	0.00	0.668	7.49	6.34 (5)
8.027	1.57a	23.17p	941.96	0.00	0.587	10.68	6.70 (5)
7.934	1.90a	28.17p	941.96	0.00	0.396	13.18	6.95 (5)
7.794	2.22a	33.17p	941.97	0.00	0.126	14.52	7.13 (5)
7.721	2.35a	35.24p	941.96	0.00	0.000	14.65	7.18 (5)
7.604	2.53a	38.17p	941.97	0.00	-0.190	14.37	7.24 (5)
7.367	2.81a	43.17p	942.11	0.00	-0.533	12.58	7.29 (5)
7.074	3.07a	48.17p	941.87	0.00	-0.888	9.03	7.28 (5)

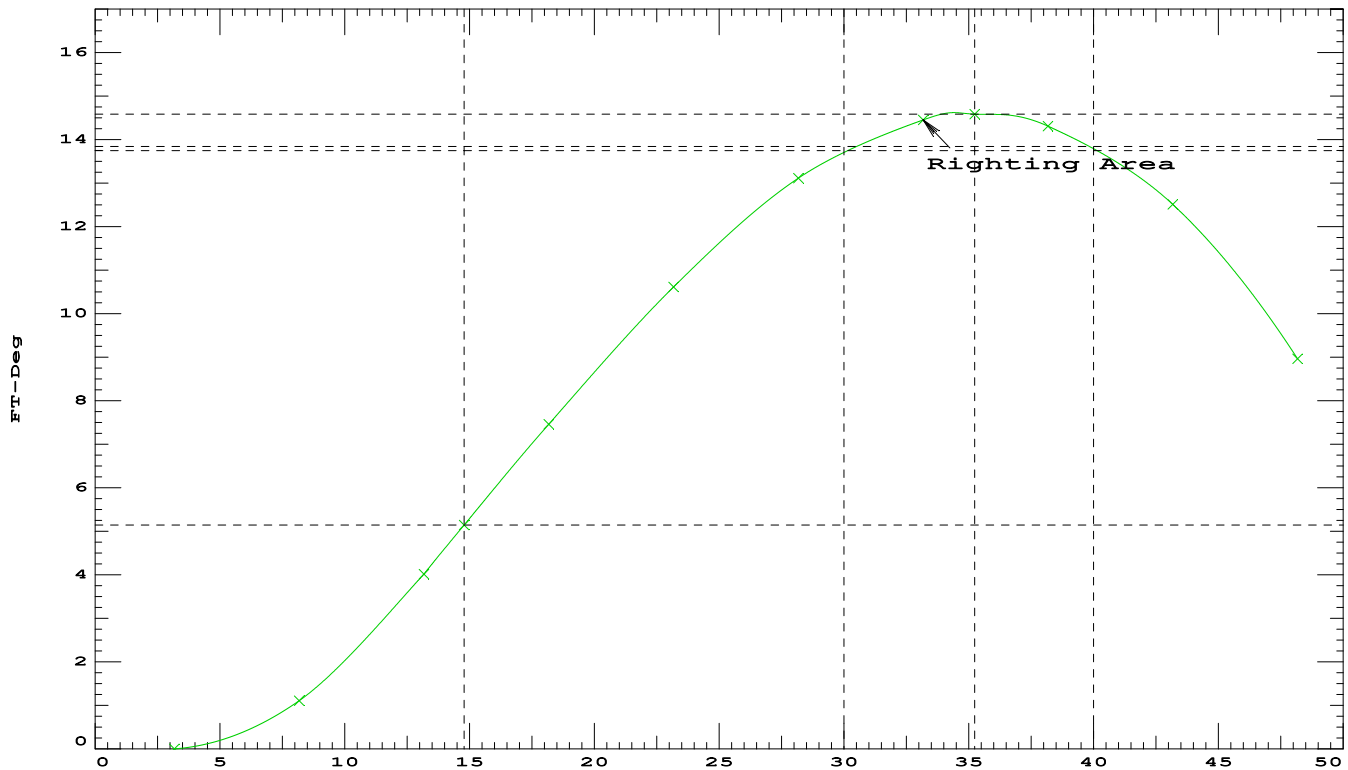
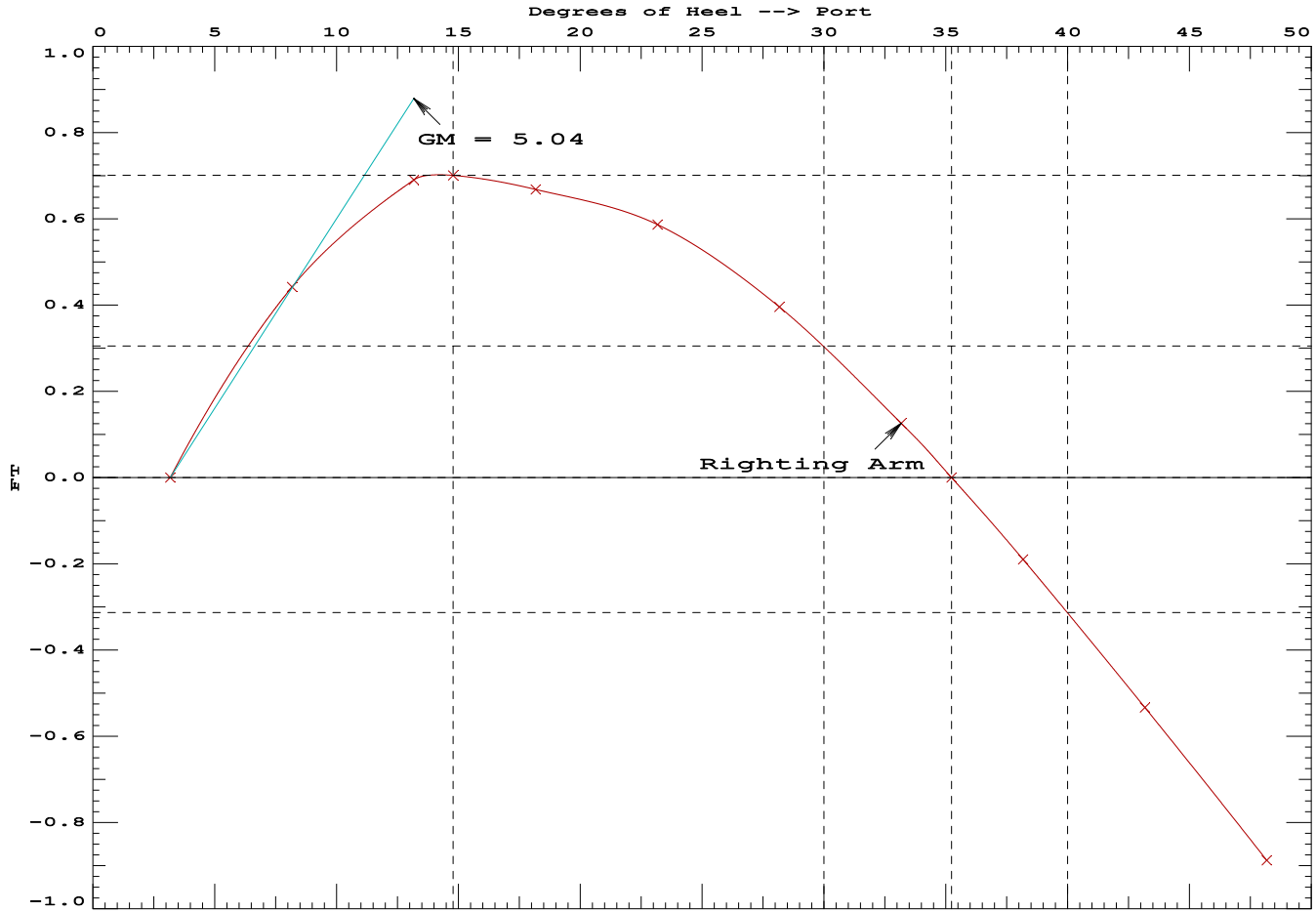
Distances in FEET.

Specific Gravity = 1.025.

Area in Ft-Deg.

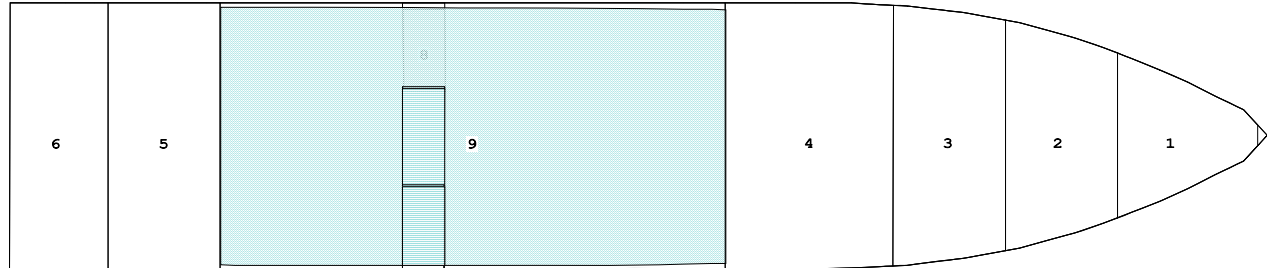
Note: The Center of Gravity shown above is for the Fixed Weight of 543.44 LT. As the tank load centers shift with heel and trim, the total Center of Gravity varies. The righting arms shown above include the effect of the C.G. variation. The free surface adjustment is for the difference between the formal and the true free surface at the initial heel.

Critical Point	LCP	TCP	VCP
(5) ER ESCAPE TRUNK TIGHT	54.00a	12.00s	12.50



CG - Draft: 8.49 @ 0.00 Trim: aft 2.23/160.00 Heel: port 3.17 deg.

Plan View



Profile View



Tanks

1 FOREPEAK....0% SEA WATER Intact	4 HEADS.....0% SEA WATER Intact	8 FUEL.P.....52% DIESEL OIL Intact
2 THRUSTER....0% SEA WATER Intact	5 AFTVOID.....0% SALT WATER Intact	9 ER-GALLEY..57% SALT WATER Intact
3 FWDVOID.....0% SEA WATER Intact	6 LAZARETTE...0% SEA WATER Intact	
	7 FUEL.S.....52% DIESEL OIL Intact	

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SPIRIT OF NORFOLK FOR SALVAGE

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SPIRIT OF NORFOLK CONDITION @ PIER 4
FUEL QUANTITY PROVIDED BY MASTER
STORES & OTHER LOADS FROM STABILITY TEST REPORT
PASSENGER & CREW EVACUATED
SPECIFIC GRAVITY OF SALT WATER USED IS 1.025

DRAFT PORT FWD @ -70 = 7'-11"
DRAFT STBD FWD @ -70 = 7'-3"
DRAFT PORT AFT @ 74 = 11'-5"
DRAFT STBD AFT @ 74 = 10'-0"

WEIGHT and DISPLACEMENT STATUS							
Baseline draft: 9.395 @ Origin							
Trim: Aft 2.95/160.00, Heel: Stbd 1.44 deg.							
Part			Weight(LT)	LCG	TCG	VCG	
LIGHT SHIP			477.11	11.25a	0.00	14.56	
FURNITURE			9.81	8.51f	0.00	21.71	
STORES			10.00	12.00f	0.00	12.00	
POTABLE WATER			40.90	42.00f	0.00	7.12	
SEWAGE FWD			2.34	22.00f	0.00	1.05	
SEWAGE AFT			3.28	14.00a	0.00	1.00	
Total Fixed			543.44	6.33a	0.00	13.94	
	Load	SpGr	Weight(LT)	LCG	TCG	VCG	RefHt
FUEL.S	0.518	0.870	8.59	29.01a	12.33s	4.56	-6.54
FUEL.P	0.518	0.870	8.59	29.01a	12.23p	4.56	-7.17
ER-GALLEY	0.793	1.025	531.80	21.62a	0.35p	5.96	-9.89
Total Tanks			548.98	21.85a	0.34p	5.92	
Total Weight			1,092.42	14.13a	0.17p	9.91	
			Displ(LT)	LCB	TCB	VCB	
HULL		1.025	1,092.34	14.20a	0.38s	5.95	-9.39
Righting Arms:				0.00	0.45s		
Distances in FEET.							

HYDROSTATIC PROPERTIES								
Trim: Aft 2.95/160.00, Heel: Stbd 1.44 deg., VCG = 9.91								
LCF Draft	Displacement Weight(LT)	Buoyancy-Ctr. LCB	VCB	Weight/ Inch	LCF	Moment/ In trim	GML	GMT
9.632	1,092.34	14.20a	5.95	13.21	12.83a	145.17	255.2	4.50
Distances in FEET.			Specific Gravity = 1.025.				Moment in Ft-LT.	
Trim is per 160.00Ft								
Draft is from Baseline.				True Free Surface included.				

CRITICAL POINT STATUS

Baseline draft: 9.395 @ Origin

Trim: Aft 2.95/160.00, Heel: Stbd 1.44 deg.

Critical Points	LCP	TCP	VCP	Height
(1) DRAFT STBD FWD	70.00f	11.00s	0.00	-8.37
(2) DRAFT PORT FWD	70.00f	11.00p	0.00	-7.82
(3) DRAFT STBD AFT	74.00a	18.25s	0.00	-11.21
(4) DRAFT PORT AFT	74.00a	18.25p	0.00	-10.30
(5) ER ESCAPE TRUNK TIGHT	54.00a	12.00s	12.50	1.81

Distances in FEET.

RIGHTING ARMS vs HEEL ANGLE

Fixed CG: LCG = 6.33a TCG = 0.00 VCG = 13.94

Origin Depth	Degrees of Trim	Degrees of Heel	Displacement Weight(LT)	Righting Arms in Trim	Righting Arms in Heel	Area	Flood Pt Height
9.391	1.06a	1.44s	1,092.4	0.00	-0.453	0.00	1.80 (5)
9.367	1.07a	3.56p	1,092.3	0.00	-0.064	-1.29	2.84 (5)
9.354	1.08a	4.49p	1,092.4	0.00	0.000	-1.32	3.03 (5)
9.293	1.21a	8.56p	1,092.4	0.00	0.230	-0.83	3.71 (5)
9.262	1.55a	13.56p	1,092.4	0.00	0.414	0.82	4.24 (5)
9.295	1.87a	17.47p	1,092.5	0.00	0.456	2.55	4.46 (5)
9.311	1.97a	18.56p	1,092.4	0.00	0.453	3.05	4.49 (5)
9.411	2.42a	23.56p	1,092.4	0.00	0.379	5.18	4.55 (5)
9.511	2.89a	28.56p	1,092.4	0.00	0.216	6.71	4.46 (5)
9.572	3.34a	33.36p	1,092.4	0.00	0.000	7.25	4.29 (5)
9.574	3.36a	33.56p	1,092.4	0.00	-0.010	7.25	4.28 (5)
9.582	3.81a	38.56p	1,092.4	0.00	-0.273	6.56	4.04 (5)
9.528	4.24a	43.56p	1,092.6	0.00	-0.558	4.49	3.76 (5)

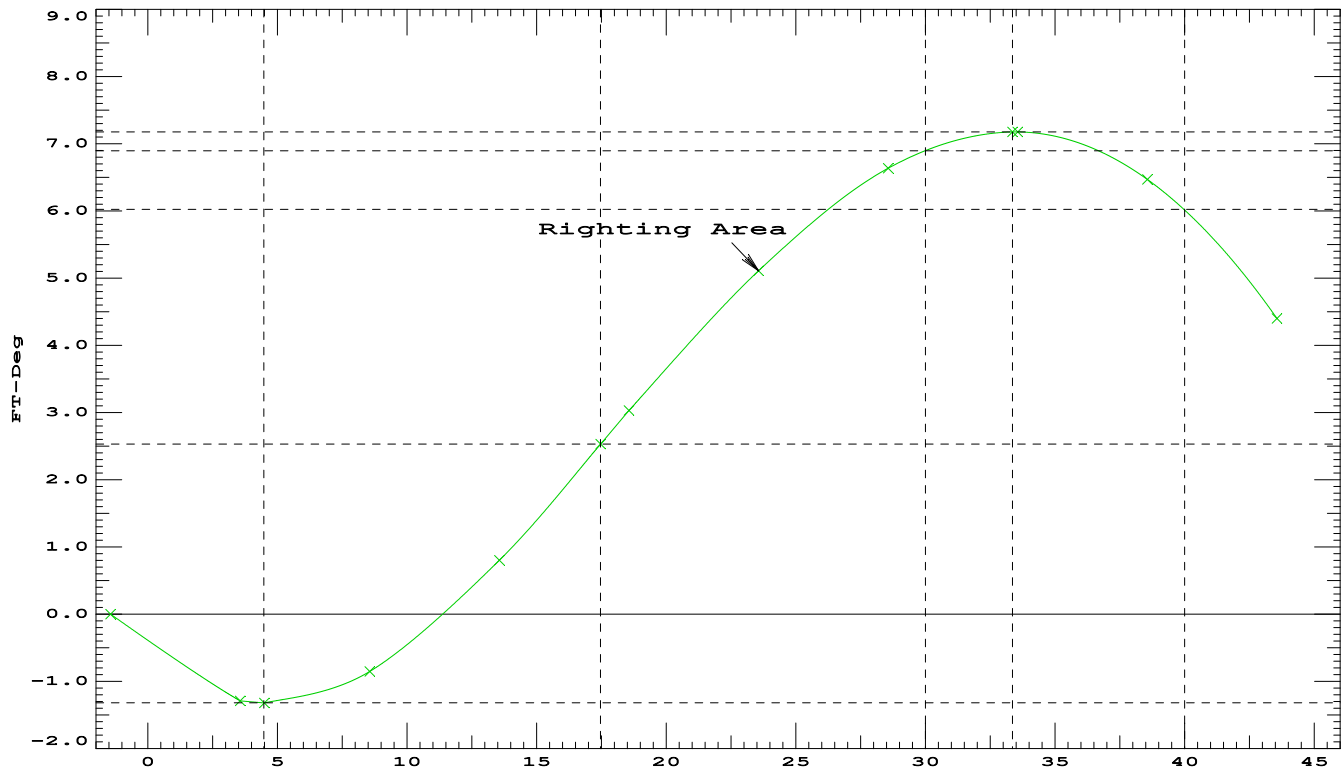
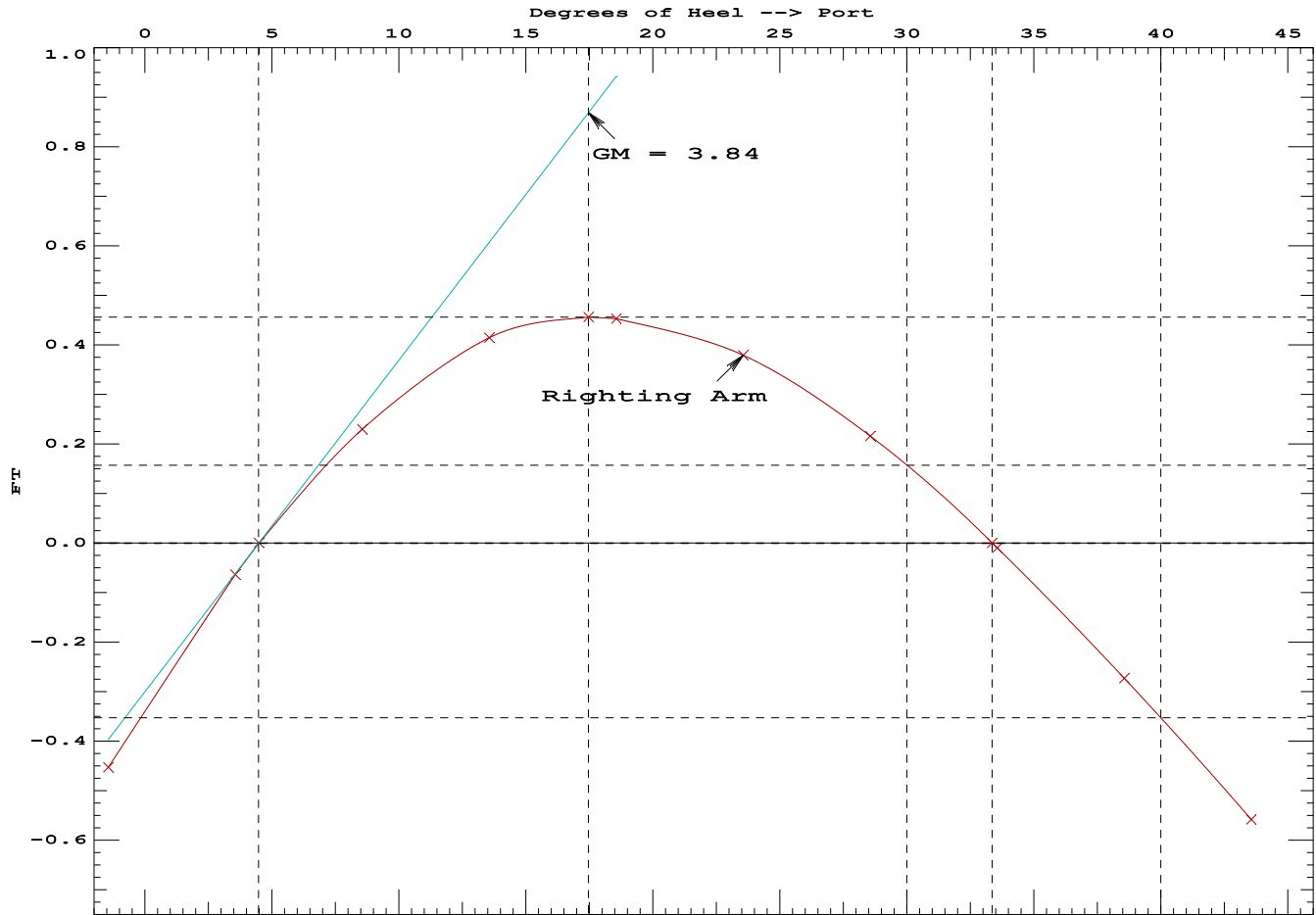
Distances in FEET.

Specific Gravity = 1.025.

Area in Ft-Deg.

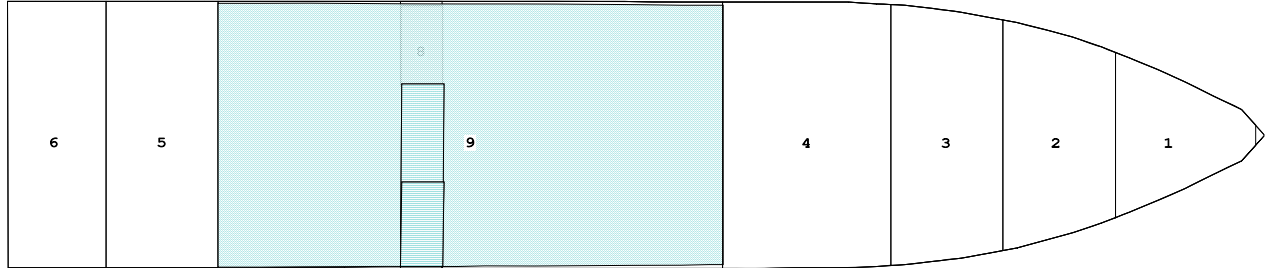
Note: The Center of Gravity shown above is for the Fixed Weight of 543.44 LT. As the tank load centers shift with heel and trim, the total Center of Gravity varies. The righting arms shown above include the effect of the C.G. variation. The free surface adjustment is for the difference between the formal and the true free surface at the initial heel.

Critical Point	LCP	TCP	VCP
(5) ER ESCAPE TRUNK TIGHT	54.00a	12.00s	12.50

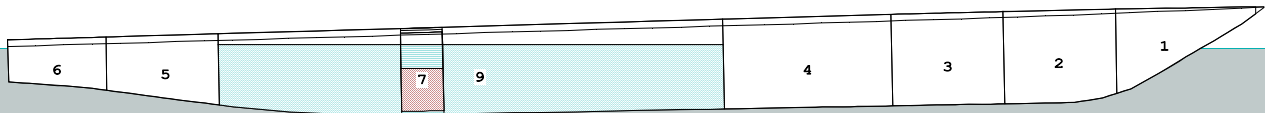


CG - Draft: 9.40 @ 0.00 Trim: aft 2.95/160.00 Heel: stbd 1.44 deg.

Plan View



Profile View



Tanks

1 FOREPEAK....0% SEA WATER Intact	4 HEADS.....0% SEA WATER Intact	8 FUEL.P.....52% DIESEL OIL Intact
2 THRUSTER....0% SEA WATER Intact	5 AFTVOID.....0% SALT WATER Intact	9 ER-GALLEY..79% SALT WATER Intact
3 FWDVOID.....0% SEA WATER Intact	6 LAZARETTE...0% SEA WATER Intact	
	7 FUEL.S.....52% DIESEL OIL Intact	

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Marine Response Consultants
SPIRIT OF NORFOLK FOR SALVAGE

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SPIRIT OF NORFOLK CONDITION @ PIER 4
FUEL QUANTITY PROVIDED BY MASTER
STORES & OTHER LOADS FROM STABILITY TEST REPORT
PASSENGER & CREW EVACUATED
SPECIFIC GRAVITY OF SALT WATER USED IS 1.025

DRAFT PORT FWD @ -70 = 6'-9"
DRAFT STBD FWD @ -70 = 6'-5"
DRAFT PORT AFT @ 74 = 9'-0"
DRAFT STBD AFT @ 74 = 7'-0"

WEIGHT and DISPLACEMENT STATUS							
Baseline draft: 7.300 @ Origin							
Trim: Aft 1.29/160.00, Heel: Port 3.14 deg.							
Part			Weight(LT)	LCG	TCG	VCG	
LIGHT SHIP			477.11	11.25a	0.00	14.56	
FURNITURE			9.81	8.51f	0.00	21.71	
STORES			10.00	12.00f	0.00	12.00	
POTABLE WATER			40.90	42.00f	0.00	7.12	
SEWAGE FWD			2.34	22.00f	0.00	1.05	
SEWAGE AFT			3.28	14.00a	0.00	1.00	
Total Fixed			543.44	6.33a	0.00	13.94	
	Load	SpGr	Weight(LT)	LCG	TCG	VCG	RefHt
FUEL.S	0.518	0.870	8.59	29.00a	12.18s	4.56	-7.84
FUEL.P	0.518	0.870	8.59	29.00a	12.39p	4.56	-6.46
ER-GALLEY	0.276	1.025	185.19	20.47a	2.54p	3.12	-4.45
Total Tanks			202.36	21.20a	2.34p	3.24	
Total Weight			745.80	10.36a	0.63p	11.04	
			Displ(LT)	LCB	TCB	VCB	
HULL		1.025	745.92	10.42a	1.12p	4.71	-7.29
Righting Arms:				0.00	0.14p		
Distances in FEET.							

HYDROSTATIC PROPERTIES								
Trim: Aft 1.29/160.00, Heel: Port 3.14 deg., VCG = 11.04								
LCF Draft	Displacement Weight(LT)	Buoyancy-Ctr. LCB	VCB	Weight/ Inch	LCF	Moment/ In trim	GML	GMT
7.411	745.92	10.42a	4.71	12.72	13.81a	134.04	345.0	5.56
Distances in FEET.			Specific Gravity = 1.025.				Moment in Ft-LT.	
				Trim is per 160.00Ft				
Draft is from Baseline.				True Free Surface included.				

CRITICAL POINT STATUS

Baseline draft: 7.300 @ Origin

Trim: Aft 1.29/160.00, Heel: Port 3.14 deg.

Critical Points	LCP	TCP	VCP	Height
(1) DRAFT STBD FWD	70.00f	11.00s	0.00	-6.12
(2) DRAFT PORT FWD	70.00f	11.00p	0.00	-7.33
(3) DRAFT STBD AFT	74.00a	18.25s	0.00	-6.89
(4) DRAFT PORT AFT	74.00a	18.25p	0.00	-8.89
(5) ER ESCAPE TRUNK TIGHT	54.00a	12.00s	12.50	5.41

Distances in FEET.

RIGHTING ARMS vs HEEL ANGLE

Fixed CG: LCG = 6.33a TCG = 0.00 VCG = 13.94

Origin Depth	Degrees of Trim	Degrees of Heel	Displacement Weight(LT)	Righting Arms in Trim	Righting Arms in Heel	Area	Flood Pt Height
7.288	0.46a	3.14p	745.81	0.00	0.140	0.00	5.41 (5)
7.184	0.47a	8.14p	745.96	0.00	0.640	1.95	6.45 (5)
6.978	0.44a	13.14p	745.82	0.00	1.323	6.78	7.51 (5)
6.694	0.45a	18.14p	745.78	0.00	1.949	14.99	8.50 (5)
6.465	0.51a	21.51p	745.82	0.00	2.053	21.80	9.08 (5)
6.347	0.55a	23.14p	745.79	0.00	2.028	25.13	9.35 (5)
5.965	0.67a	28.14p	745.79	0.00	1.756	34.76	10.09 (5)
5.549	0.78a	33.14p	745.80	0.00	1.329	42.54	10.74 (5)
5.100	0.90a	38.14p	745.80	0.00	0.838	47.98	11.30 (5)
4.621	1.00a	43.14p	745.80	0.00	0.313	50.88	11.76 (5)
4.330	1.05a	46.04p	745.84	0.00	0.000	51.33	11.99 (5)
4.113	1.09a	48.14p	745.87	0.00	-0.231	51.09	12.13 (5)

Distances in FEET.

Specific Gravity = 1.025.

Area in Ft-Deg.

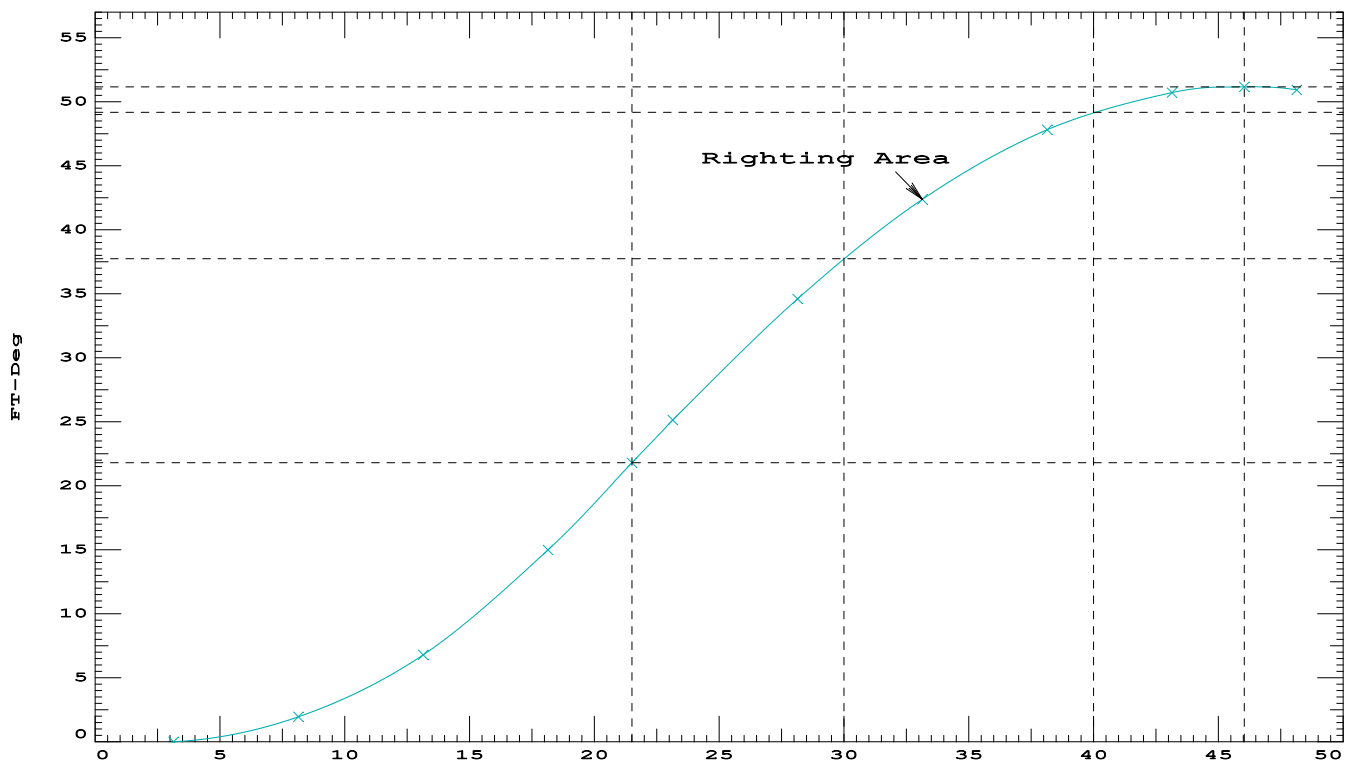
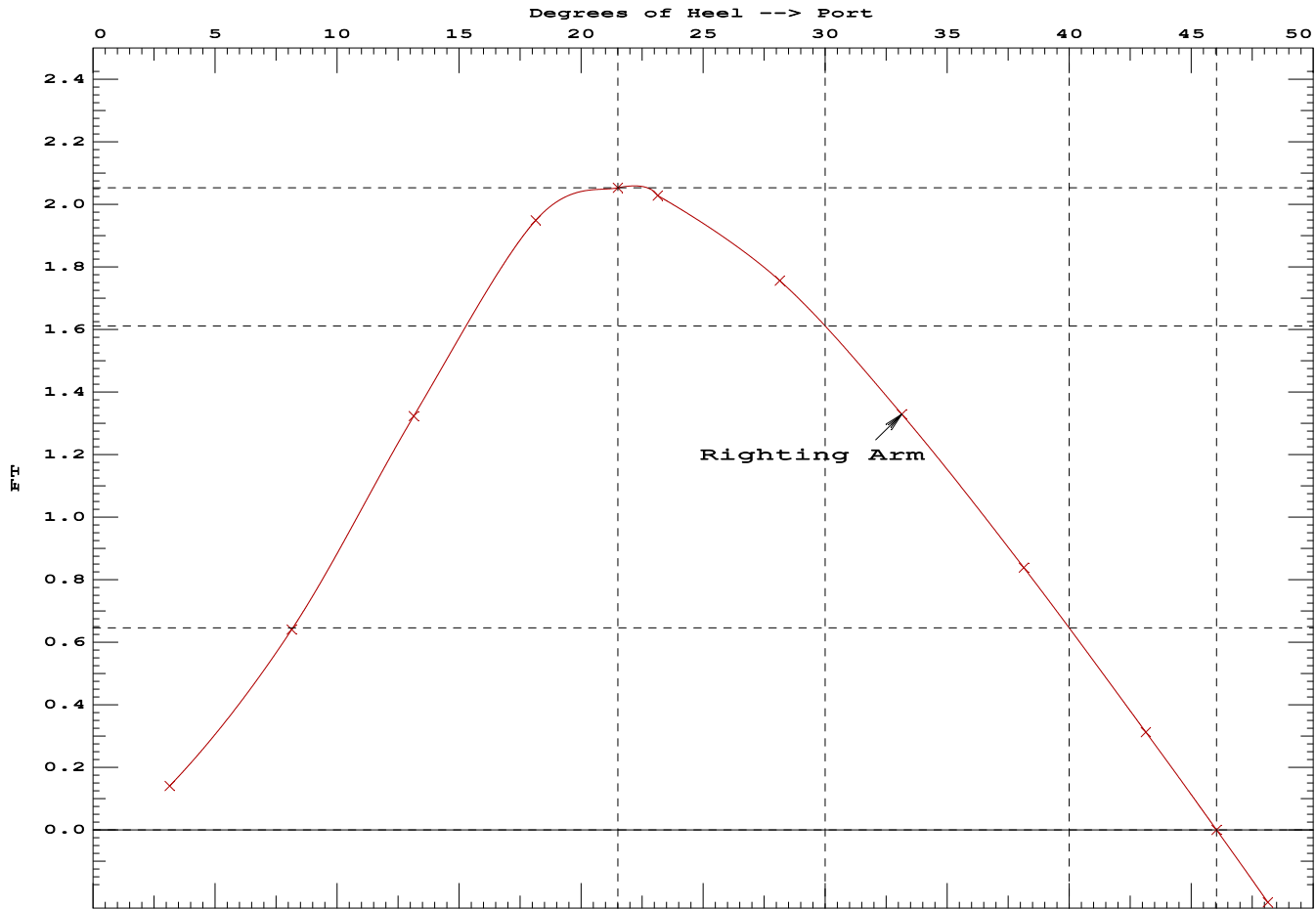
Note: The Center of Gravity shown above is for the Fixed Weight of 543.44 LT. As the tank load centers shift with heel and trim, the total Center of Gravity varies. The righting arms shown above include the effect of the C.G. variation. The free surface adjustment is for the difference between the formal and the true free surface at the initial heel.

Critical Point	LCP	TCP	VCP
(5) ER ESCAPE TRUNK TIGHT	54.00a	12.00s	12.50

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Marine Response Consultants
SPIRIT OF NORFOLK FOR SALVAGE

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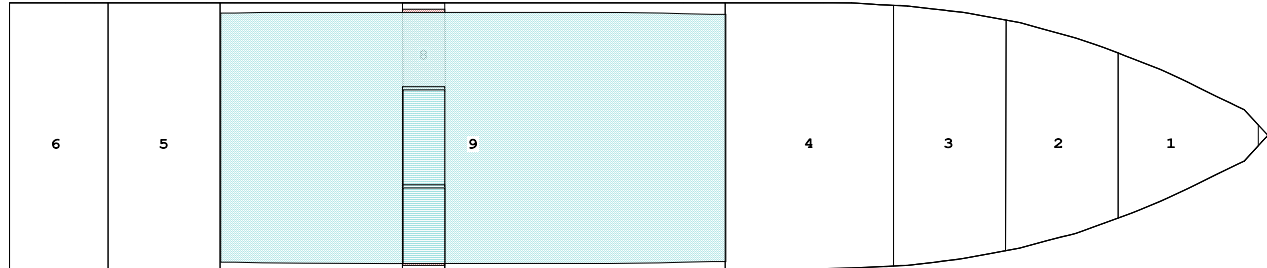
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Marine Response Consultants
SPIRIT OF NORFOLK FOR SALVAGE

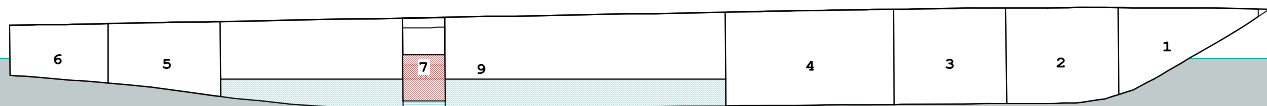
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CG - Draft: 7.30 @ 0.00 Trim: aft 1.29/160.00 Heel: port 3.14 deg.

Plan View



Profile View



Tanks

1 FOREPEAK....0% SEA WATER Intact	4 HEADS.....0% SEA WATER Intact	8 FUEL.P.....52% DIESEL OIL Intact
2 THRUSTER....0% SEA WATER Intact	5 AFTVOID.....0% SALT WATER Intact	9 ER-GALLEY..28% SALT WATER Intact
3 FWDVOID.....0% SEA WATER Intact	6 LAZARETTE...0% SEA WATER Intact	
	7 FUEL.S.....52% DIESEL OIL Intact	

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Marine Response Consultants
SPIRIT OF NORFOLK FOR SALVAGE

Page 1
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SPIRIT OF NORFOLK CONDITION @ PIER 4
FUEL QUANTITY PROVIDED BY MASTER
STORES & OTHER LOADS FROM STABILITY TEST REPORT
PASSENGER & CREW EVACUATED
SPECIFIC GRAVITY OF SALT WATER USED IS 1.025

DRAFT PORT FWD @ -70 = 6'-8"
DRAFT STBD FWD @ -70 = 6'-4"
DRAFT PORT AFT @ 74 = 8'-7"
DRAFT STBD AFT @ 74 = 6'-5"

WEIGHT and DISPLACEMENT STATUS							
Baseline draft: 6.998 @ Origin							
Trim: Aft 1.07/160.00, Heel: Port 3.44 deg.							
Part			Weight(LT)	LCG	TCG	VCG	
LIGHT SHIP			477.11	11.25a	0.00	14.56	
FURNITURE			9.81	8.51f	0.00	21.71	
STORES			10.00	12.00f	0.00	12.00	
POTABLE WATER			40.90	42.00f	0.00	7.12	
SEWAGE FWD			2.34	22.00f	0.00	1.05	
SEWAGE AFT			3.28	14.00a	0.00	1.00	
Total Fixed			543.44	6.33a	0.00	13.94	
	Load	SpGr	Weight(LT)	LCG	TCG	VCG	RefHt
FUEL.S	0.518	0.870	8.59	29.00a	12.17s	4.56	-7.95
FUEL.P	0.518	0.870	8.59	29.00a	12.40p	4.56	-6.43
ER-GALLEY	0.204	1.025	136.68	19.89a	3.37p	2.72	-3.67
Total Tanks			153.85	20.91a	3.01p	2.93	
Total Weight			697.29	9.55a	0.66p	11.51	
			Displ(LT)	LCB	TCB	VCB	
HULL		1.025	697.29	9.59a	1.30p	4.54	-6.99
Righting Arms:				0.00	0.21p		
Distances in FEET.							

HYDROSTATIC PROPERTIES								
Trim: Aft 1.07/160.00,			Heel: Port 3.44 deg.,			VCG = 11.51		
LCF Draft	Displacement Weight(LT)	Buoyancy-Ctr. LCB	VCB	Weight/ Inch	LCF	Moment/ In trim	GML	GMT
7.091	697.29	9.59a	4.54	12.64	13.90a	132.48	364.8	5.81
Distances in FEET.		Specific Gravity = 1.025.				Moment in Ft-LT.		
Trim is per 160.00Ft								
Draft is from Baseline.				True Free Surface included.				

CRITICAL POINT STATUS

Baseline draft: 6.998 @ Origin

Trim: Aft 1.07/160.00, Heel: Port 3.44 deg.

Critical Points	LCP	TCP	VCP	Height
(1) DRAFT STBD FWD	70.00f	11.00s	0.00	-5.86
(2) DRAFT PORT FWD	70.00f	11.00p	0.00	-7.18
(3) DRAFT STBD AFT	74.00a	18.25s	0.00	-6.38
(4) DRAFT PORT AFT	74.00a	18.25p	0.00	-8.57
(5) ER ESCAPE TRUNK TIGHT	54.00a	12.00s	12.50	5.85

Distances in FEET.

RIGHTING ARMS vs HEEL ANGLE

Fixed CG: LCG = 6.33a TCG = 0.00 VCG = 13.94

Origin Depth	Degrees of Trim	Degrees of Heel	Displacement Weight(LT)	Righting Arms in Trim	Righting Arms in Heel	Area	Flood Pt Height
6.986	0.38a	3.44p	697.35	0.00	0.215	0.00	5.85 (5)
6.874	0.38a	8.44p	697.28	0.00	0.824	2.60	6.90 (5)
6.662	0.31a	13.44p	697.29	0.00	1.661	8.71	7.99 (5)
6.333	0.26a	18.44p	697.30	0.00	2.392	18.89	9.07 (5)
6.002	0.29a	22.44p	697.29	0.00	2.548	28.89	9.86 (5)
5.914	0.30a	23.44p	697.24	0.00	2.538	31.44	10.05 (5)
5.459	0.36a	28.44p	697.20	0.00	2.300	43.73	10.91 (5)
4.975	0.43a	33.44p	697.29	0.00	1.859	54.21	11.66 (5)
4.463	0.50a	38.44p	697.43	0.00	1.316	62.19	12.32 (5)
3.921	0.55a	43.44p	697.20	0.00	0.728	67.31	12.88 (5)
3.358	0.60a	48.44p	697.28	0.00	0.112	69.42	13.34 (5)

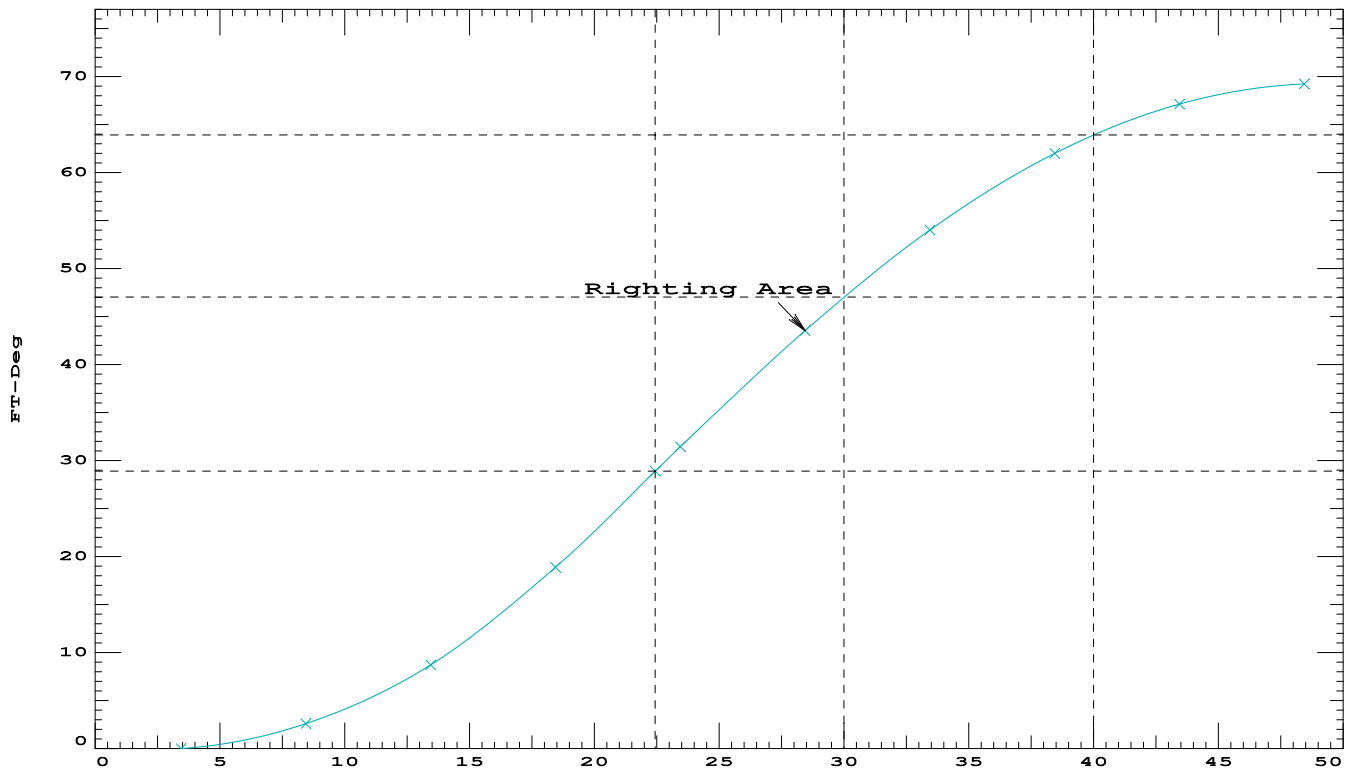
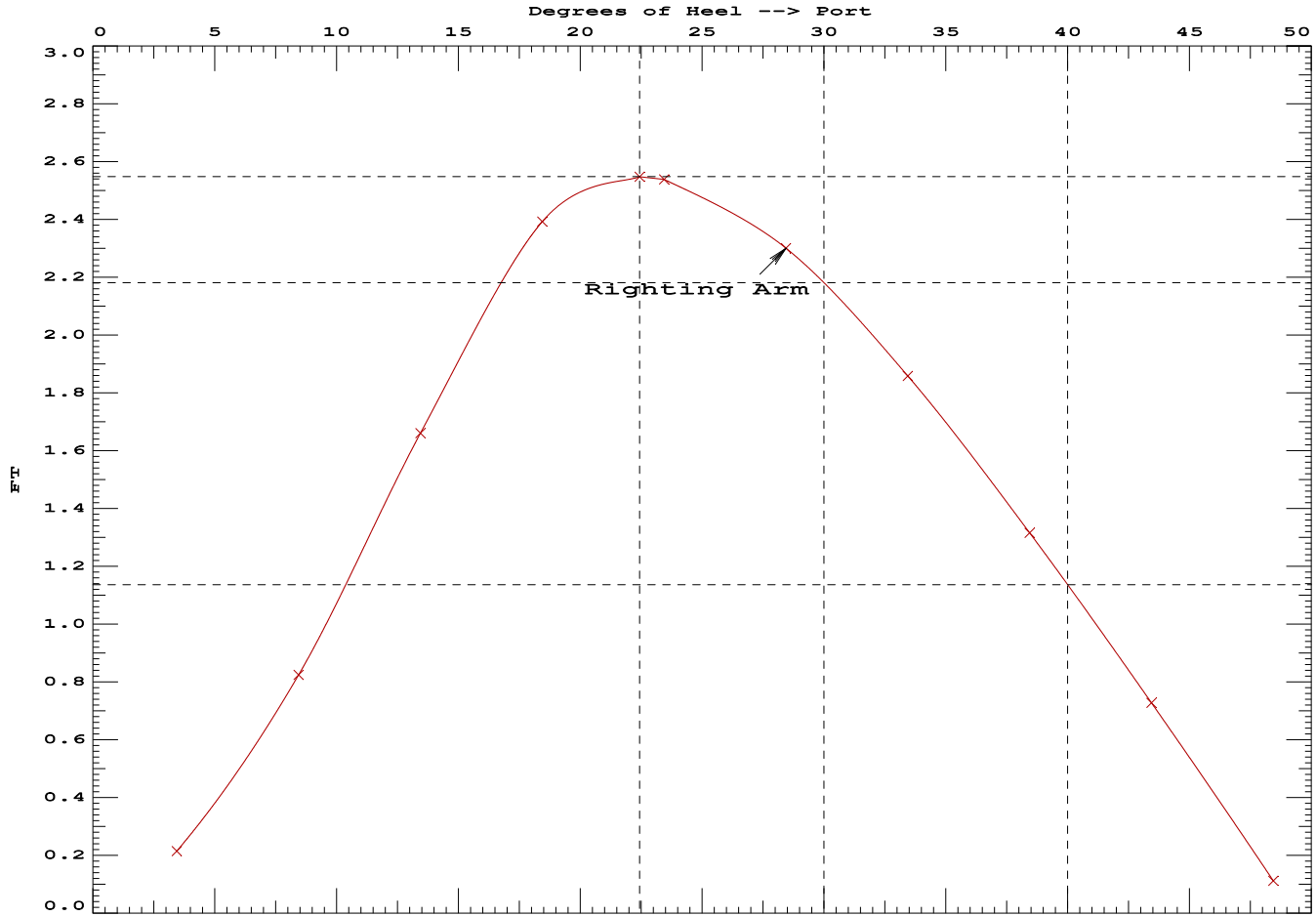
Distances in FEET.

Specific Gravity = 1.025.

Area in Ft-Deg.

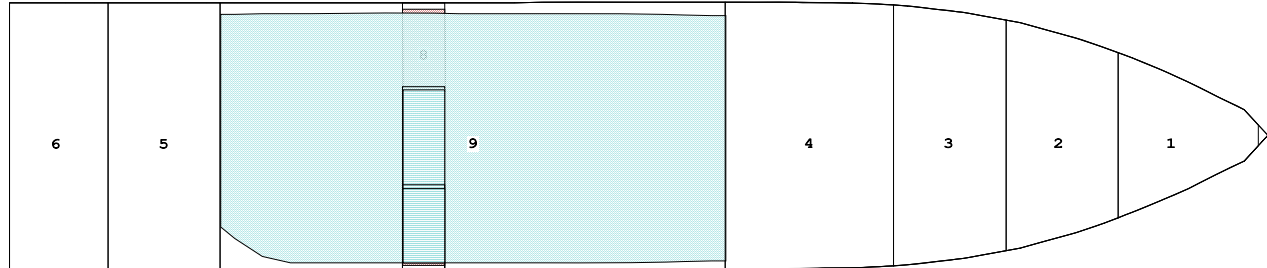
Note: The Center of Gravity shown above is for the Fixed Weight of 543.44 LT. As the tank load centers shift with heel and trim, the total Center of Gravity varies. The righting arms shown above include the effect of the C.G. variation. The free surface adjustment is for the difference between the formal and the true free surface at the initial heel.

Critical Point	LCP	TCP	VCP
(5) ER ESCAPE TRUNK TIGHT	54.00a	12.00s	12.50

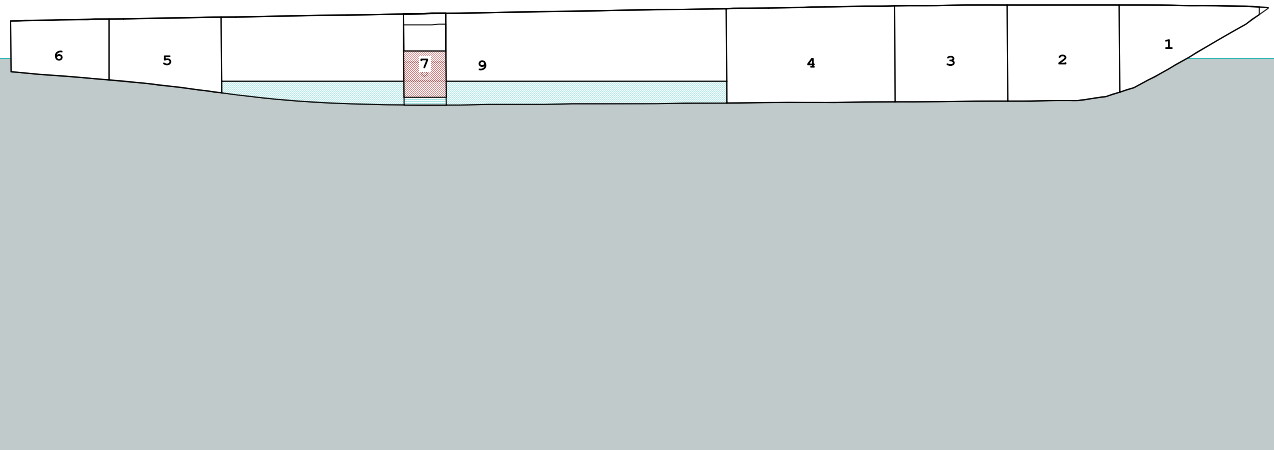


CG - Draft: 7.00 @ 0.00 Trim: aft 1.07/160.00 Heel: port 3.44 deg.

Plan View



Profile View



Tanks

1 FOREPEAK....0% SEA WATER Intact	4 HEADS.....0% SEA WATER Intact	8 FUEL.P.....52% DIESEL OIL Intact
2 THRUSTER....0% SEA WATER Intact	5 AFTVOID.....0% SALT WATER Intact	9 ER-GALLEY..20% SALT WATER Intact
3 FWDVOID.....0% SEA WATER Intact	6 LAZARETTE...0% SEA WATER Intact	
	7 FUEL.S.....52% DIESEL OIL Intact	

SPIRIT OF NORFOLK CONDITION @ PIER 4
FUEL QUANTITY PROVIDED BY MASTER
STORES & OTHER LOADS FROM STABILITY TEST REPORT
PASSENGER & CREW EVACUATED
SPECIFIC GRAVITY OF SALT WATER USED IS 1.025

DRAFT PORT FWD @ -70 = 6'-4"
DRAFT STBD FWD @ -70 = 6'-3"
DRAFT PORT AFT @ 74 = 8'-3"
DRAFT STBD AFT @ 74 = 6'-6"

WEIGHT and DISPLACEMENT STATUS							
Baseline draft: 6.819 @ Origin							
Trim: Aft 1.20/160.00, Heel: Port 2.74 deg.							
Part			Weight(LT)	LCG	TCG	VCG	
LIGHT SHIP			477.11	11.25a	0.00	14.56	
FURNITURE			9.81	8.51f	0.00	21.71	
STORES			10.00	12.00f	0.00	12.00	
POTABLE WATER			40.90	42.00f	0.00	7.12	
SEWAGE FWD			2.34	22.00f	0.00	1.05	
SEWAGE AFT			3.28	14.00a	0.00	1.00	
ENTRAINED WATER			109.83	24.25a	3.77p	0.00	
Total Fixed			653.27	9.34a	0.63p	11.60	
	Load	SpGr	Weight(LT)	LCG	TCG	VCG	RefHt
HEADS	0.025	1.025	6.48	24.02f	3.08p	1.30	-1.66
ENGINE	0.025	1.025	6.49	36.59a	3.61p	1.49	-1.38
AFTVOID	0.025	1.025	3.14	60.98a	5.70p	3.66	-2.99
LAZARETTE	0.025	1.025	2.08	76.89a	8.86p	5.74	-5.02
Total Tanks			18.20	23.82a	4.39p	2.28	
Total Weight			671.47	9.74a	0.74p	11.35	
			Displ(LT)	LCB	TCB	VCB	
HULL		1.025	671.59	9.79a	1.07p	4.43	-6.81
Righting Arms:				0.00	0.00p		
Distances in FEET.							

HYDROSTATIC PROPERTIES								
Trim: Aft 1.20/160.00, Heel: Port 2.74 deg., VCG = 11.35								
LCF Draft	Displacement Weight(LT)	Buoyancy-Ctr. LCB	VCB	Weight/ Inch	LCF	Moment/ In trim	GML	GMT
6.926	671.59	9.79a	4.43	12.59	14.16a	144.88	414.2	13.09
Distances in FEET.				Specific Gravity = 1.025.			Moment in Ft-LT.	
Draft is from Baseline.				Trim is per 160.00Ft			True Free Surface included.	

CRITICAL POINT STATUS

Baseline draft: 6.819 @ Origin

Trim: Aft 1.20/160.00, Heel: Port 2.74 deg.

Critical Points	LCP	TCP	VCP	Height
(1) DRAFT STBD FWD	70.00f	11.00s	0.00	-5.76
(2) DRAFT PORT FWD	70.00f	11.00p	0.00	-6.81
(3) DRAFT STBD AFT	74.00a	18.25s	0.00	-6.49
(4) DRAFT PORT AFT	74.00a	18.25p	0.00	-8.24
(5) ER ESCAPE TRUNK TIGHT	54.00a	12.00s	12.50	5.84

Distances in FEET.

RIGHTING ARMS vs HEEL ANGLE

Fixed CG: LCG = 9.34a TCG = 0.63p VCG = 11.60

Origin Depth	Degrees of Trim	Degrees of Heel	Displacement Weight(LT)	Righting Arms in Trim	Righting Arms in Heel	Area	Flood Pt Height
6.811	0.43a	2.74p	671.48	0.00	0.000	0.00	5.84 (5)
6.716	0.42a	7.74p	671.45	0.00	1.175	2.94	6.89 (5)
6.520	0.35a	12.74p	671.45	0.00	2.388	11.83	7.99 (5)
6.197	0.27a	17.74p	671.44	0.00	3.479	26.55	9.11 (5)
5.754	0.27a	22.74p	671.51	0.00	3.952	45.38	10.16 (5)
5.510	0.29a	25.28p	671.35	0.00	3.998	55.51	10.65 (5)
5.268	0.30a	27.74p	671.34	0.00	3.956	65.29	11.09 (5)
4.755	0.34a	32.74p	671.49	0.00	3.691	84.55	11.92 (5)
4.215	0.39a	37.74p	671.58	0.00	3.264	102.00	12.65 (5)
3.647	0.43a	42.74p	671.48	0.00	2.733	117.04	13.28 (5)
3.059	0.46a	47.74p	671.50	0.00	2.128	129.22	13.79 (5)

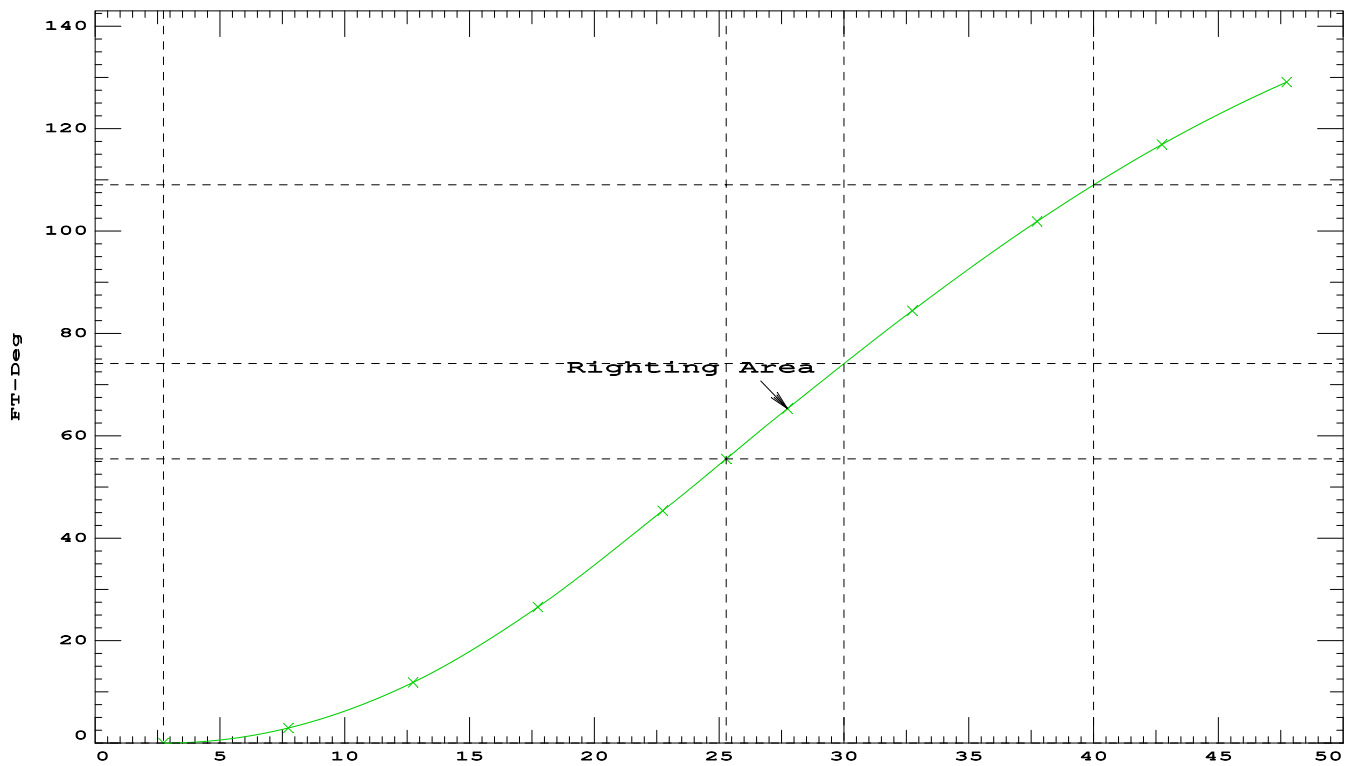
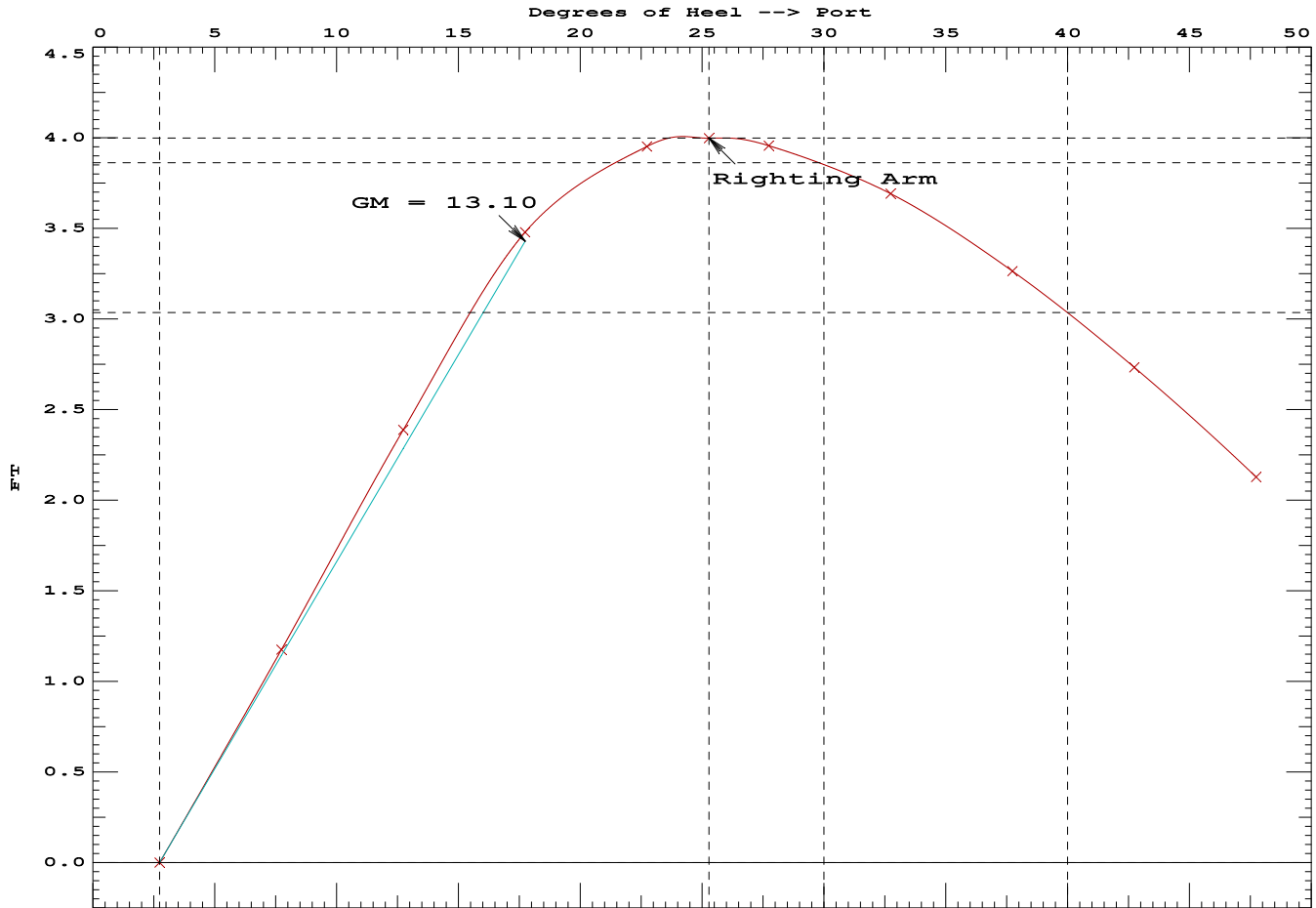
Distances in FEET.

Specific Gravity = 1.025.

Area in Ft-Deg.

Note: The Center of Gravity shown above is for the Fixed Weight of 653.27 LT. As the tank load centers shift with heel and trim, the total Center of Gravity varies. The righting arms shown above include the effect of the C.G. variation. The free surface adjustment is for the difference between the formal and the true free surface at the initial heel.

Critical Point	LCP	TCP	VCP
(5) ER ESCAPE TRUNK TIGHT	54.00a	12.00s	12.50



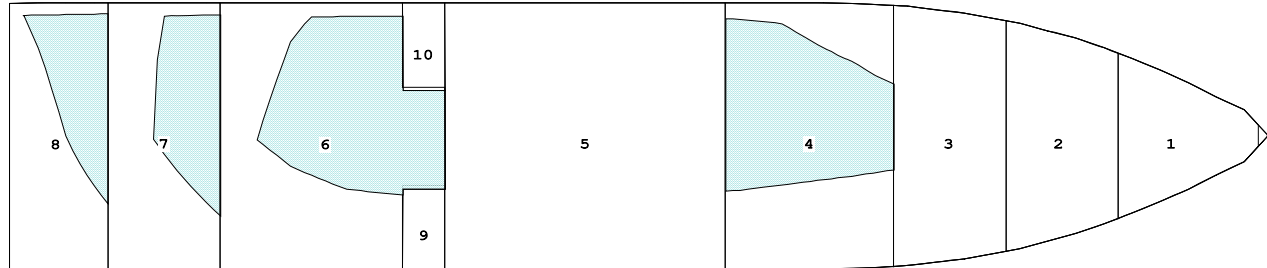
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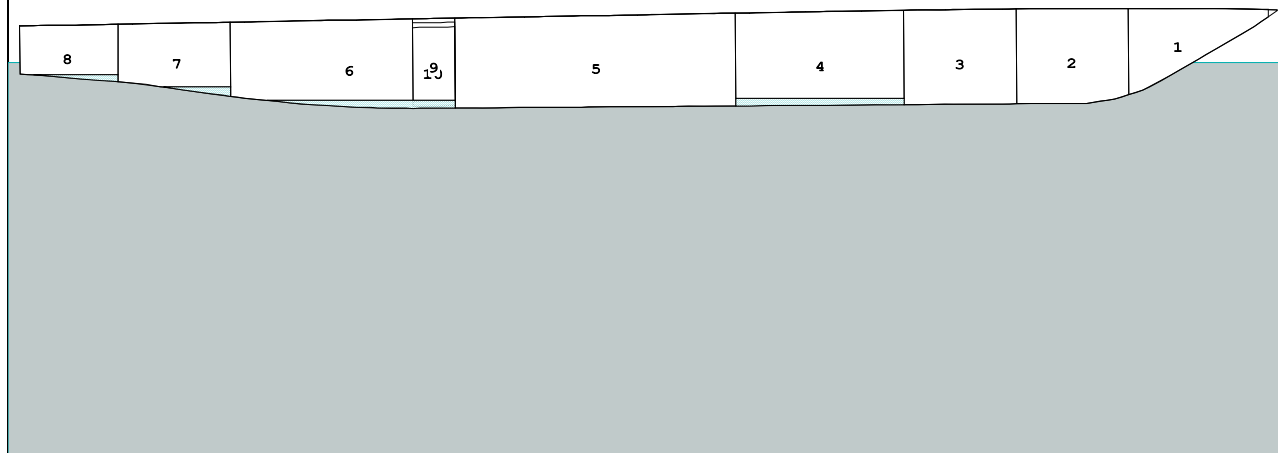
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CG - Draft: 6.82 @ 0.00 Trim: aft 1.20/160.00 Heel: port 2.74 deg.

Plan View



Profile View



Tanks

1 FOREPEAK....0% SEA WATER Intact	4 HEADS.....3% SEA WATER Intact	8 LAZARETTE...3% SEA WATER Intact
2 THRUSTER....0% SEA WATER Intact	5 GALLEY.....0% SALT WATER Intact	9 FUEL.S.....0% DIESEL OIL Intact
3 FWDVOID.....0% SEA WATER Intact	6 ENGINE.....3% SEA WATER Intact	10 FUEL.P.....0% DIESEL OIL Intact
	7 AFTVOID.....3% SALT WATER Intact	

SPIRIT OF NORFOLK CONDITION @ PIER 4
FUEL QUANTITY PROVIDED BY MASTER
STORES & OTHER LOADS FROM STABILITY TEST REPORT
PASSENGER & CREW EVACUATED
SPECIFIC GRAVITY OF SALT WATER USED IS 1.025

DRAFT PORT FWD @ -70 = 5'-10"
DRAFT STBD FWD @ -70 = 5'-9"
DRAFT PORT AFT @ 74 = 7'-2"
DRAFT STBD AFT @ 74 = 6'-4"

WEIGHT and DISPLACEMENT STATUS							
Baseline draft: 6.286 @ Origin							
Trim: Aft 0.85/160.00, Heel: Port 1.31 deg.							
Part			Weight(LT)	LCG	TCG	VCG	
LIGHT SHIP			477.11	11.25a	0.00	14.56	
FURNITURE			9.81	8.51f	0.00	21.71	
STORES			10.00	12.00f	0.00	12.00	
POTABLE WATER			24.19	42.00f	0.00	7.12	
SEWAGE FWD			2.34	22.00f	0.00	1.05	
SEWAGE AFT			3.28	14.00a	0.00	1.00	
Total Fixed			526.73	7.86a	0.00	14.16	
	Load	SpGr	Weight(LT)	LCG	TCG	VCG	RefHt
HEADS	0.015	1.025	3.91	24.38f	1.05p	1.07	-1.45
GALLEY	0.110	1.025	48.68	6.60a	1.82p	1.91	-2.59
ENGINE	0.015	1.025	3.94	35.16a	1.25p	1.23	-1.31
AFTVOID	0.015	1.025	1.88	60.35a	2.91p	3.39	-3.28
LAZARETTE	0.015	1.025	1.24	75.90a	5.65p	5.49	-5.17
Total Tanks			59.64	9.59a	1.85p	1.93	
Total Weight			586.37	8.04a	0.19p	12.91	
			Displ(LT)	LCB	TCB	VCB	
HULL	1.025		586.32	8.09a	0.57p	4.08	-6.28
Righting Arms:				0.00	0.18p		
Distances in FEET.							

HYDROSTATIC PROPERTIES								
Trim: Aft 0.85/160.00, Heel: Port 1.31 deg., VCG = 12.91								
LCF Draft	Displacement Weight(LT)	Buoyancy-Ctr. LCB	VCB	Weight/ Inch	LCF	Moment/ In trim	GML	GMT
6.362	586.32	8.09a	4.08	12.41	14.20a	137.86	451.5	7.78
Distances in FEET.		Specific Gravity = 1.025.				Moment in Ft-LT.		
Draft is from Baseline.		Trim is per 160.00Ft				True Free Surface included.		

CRITICAL POINT STATUS

Baseline draft: 6.286 @ Origin

Trim: Aft 0.85/160.00, Heel: Port 1.31 deg.

Critical Points	LCP	TCP	VCP	Height
(1) DRAFT STBD FWD	70.00f	11.00s	0.00	-5.66
(2) DRAFT PORT FWD	70.00f	11.00p	0.00	-6.17
(3) DRAFT STBD AFT	74.00a	18.25s	0.00	-6.26
(4) DRAFT PORT AFT	74.00a	18.25p	0.00	-7.09
(5) ER ESCAPE TRUNK TIGHT	54.00a	12.00s	12.50	6.20

Distances in FEET.

RIGHTING ARMS vs HEEL ANGLE

Fixed CG: LCG = 7.86a TCG = 0.00 VCG = 14.16

Origin Depth	Degrees of Trim	Degrees of Heel	Displacement Weight(LT)	Righting Arms in Trim	Righting Arms in Heel	Area	Flood Pt Height
6.285	0.30a	1.31p	586.44	0.00	0.180	0.00	6.20 (5)
6.214	0.27a	6.31p	586.30	0.00	0.996	2.94	7.28 (5)
6.045	0.17a	11.31p	586.42	0.00	1.993	10.34	8.40 (5)
5.736	0.03a	16.31p	586.53	0.00	2.929	22.67	9.60 (5)
5.221	0.10f	21.31p	586.36	0.00	3.433	38.75	10.88 (5)
4.906	0.14f	23.99p	586.37	0.00	3.495	48.08	11.53 (5)
4.627	0.17f	26.31p	586.36	0.00	3.449	56.12	12.06 (5)
4.004	0.22f	31.31p	586.32	0.00	3.126	72.72	13.12 (5)
3.359	0.27f	36.31p	586.35	0.00	2.603	87.13	14.07 (5)
2.695	0.31f	41.31p	586.27	0.00	1.955	98.58	14.91 (5)
2.016	0.34f	46.31p	586.29	0.00	1.223	106.56	15.62 (5)

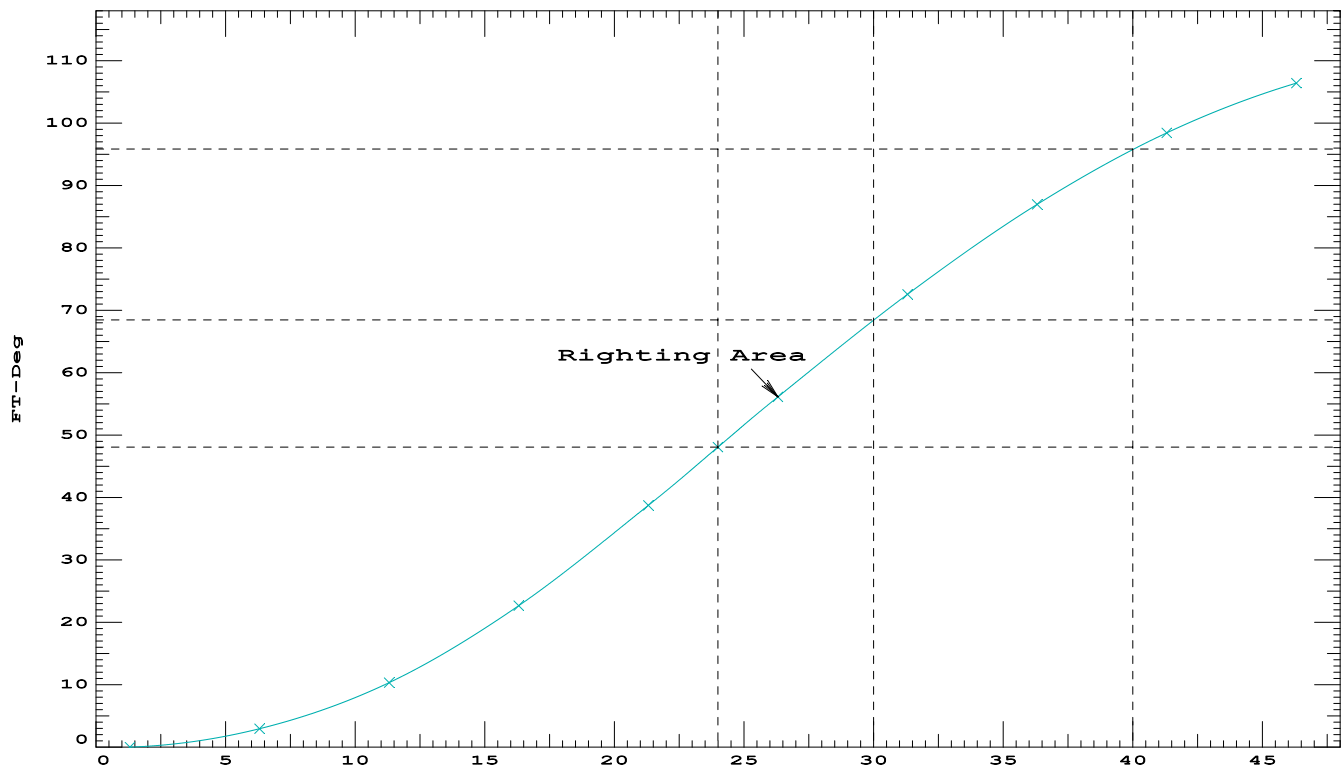
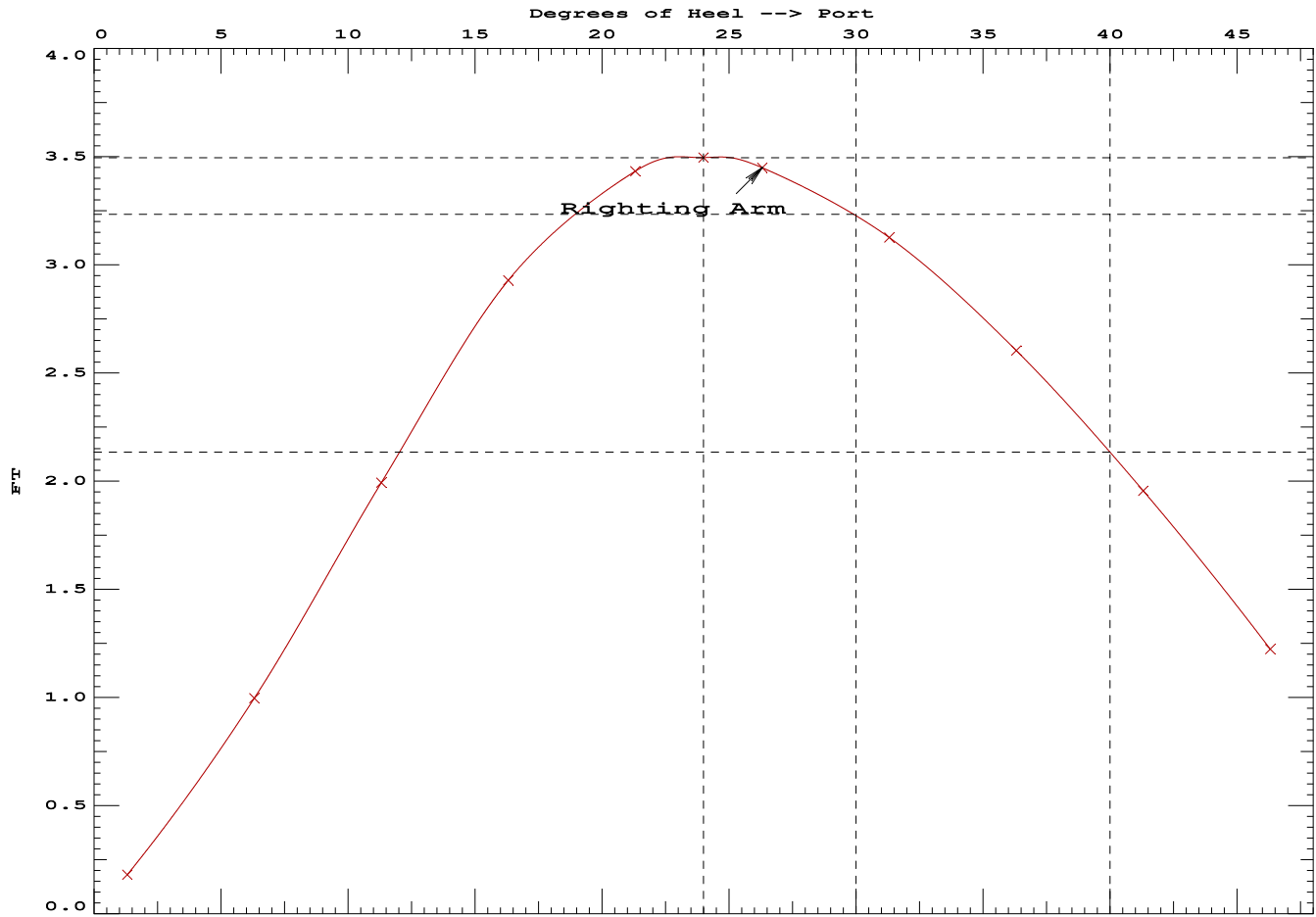
Distances in FEET.

Specific Gravity = 1.025.

Area in Ft-Deg.

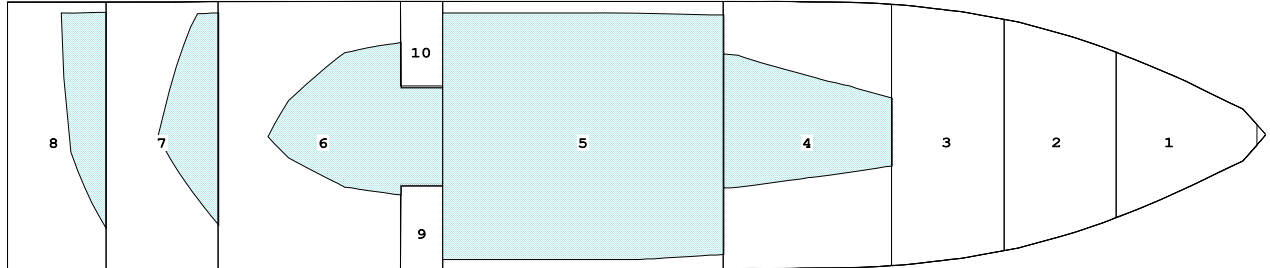
Note: The Center of Gravity shown above is for the Fixed Weight of 526.73 LT. As the tank load centers shift with heel and trim, the total Center of Gravity varies. The righting arms shown above include the effect of the C.G. variation. The free surface adjustment is for the difference between the formal and the true free surface at the initial heel.

Critical Point	LCP	TCP	VCP
(5) ER ESCAPE TRUNK TIGHT	54.00a	12.00s	12.50

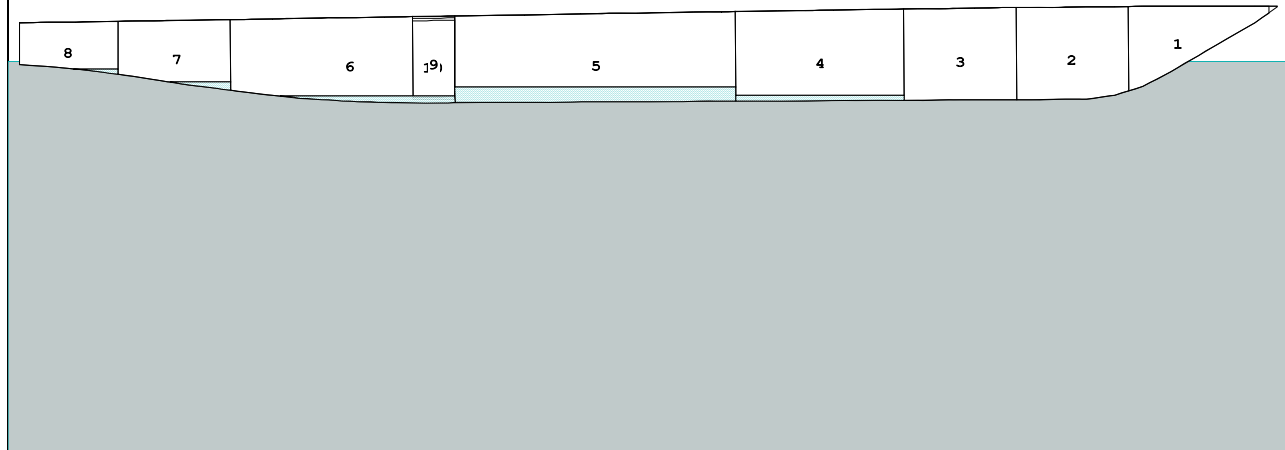


CG - Draft: 6.29 @ 0.00 Trim: aft 0.85/160.00 Heel: port 1.31 deg.

Plan View



Profile View



Tanks

1 FOREPEAK....0% SEA WATER Intact
2 THRUSTER....0% SEA WATER Intact
3 FWDVOID....0% SEA WATER Intact

4 HEADS.....2% SEA WATER Intact
5 GALLEY.....11% SALT WATER Intact
6 ENGINE.....2% SEA WATER Intact
7 AFTVOID.....2% SALT WATER Intact

8 LAZARETTE...2% SEA WATER Intact
9 FUEL.S.....0% DIESEL OIL Intact
10 FUEL.P.....0% DIESEL OIL Intact

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Marine Response Consultants
SPIRIT OF NORFOLK FOR SALVAGE

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SPIRIT OF NORFOLK CONDITION-FINAL
FUEL QUANTITY PROVIDED BY MASTER
STORES & OTHER LOADS FROM STABILITY TEST REPORT
PASSENGER & CREW EVACUATED
SPECIFIC GRAVITY OF SALT WATER USED IS 1.025

DRAFT PORT FWD @ -70 = 5'-11.5"
DRAFT STBD FWD @ -70 = 5'-10"
DRAFT PORT AFT @ 74 = 7'-0"
DRAFT STBD AFT @ 74 = 6'-6"

WEIGHT and DISPLACEMENT STATUS						
Baseline draft: 6.303 @ Origin						
Trim: Aft 0.97/160.00, Heel: Port 0.94 deg.						
Part	Weight(LT)	LCG	TCG	VCG		
LIGHT SHIP	477.11	11.25a	0.00	14.56		
FURNITURE	9.81	8.51f	0.00	21.71		
STORES	10.00	12.00f	0.00	12.00		
POTABLE WATER	24.19	42.00f	0.00	7.12		
SEWAGE FWD	2.34	22.00f	0.00	1.05		
SEWAGE AFT	3.28	14.00a	0.00	1.00		
ENTRAINED WATER	63.55	13.07a	2.49p	0.00		
Total Weight	590.28	8.42a	0.27p	12.63		
	SpGr	Displ(LT)	LCB	TCB	VCB	RefHt
HULL	1.025	590.22	8.48a	0.41p	4.09	-6.30
Righting Arms:						
Distances in FEET.						

HYDROSTATIC PROPERTIES								
Trim: Aft 0.97/160.00, Heel: Port 0.94 deg., VCG = 12.63								
LCF Draft	Displacement Weight(LT)	Buoyancy-Ctr. LCB	VCB	Weight/ Inch	LCF	Moment/ In trim	GML	GMT
6.389	590.22	8.48a	4.09	12.43	14.37a	141.55	460.5	16.12
Distances in FEET.								
Specific Gravity = 1.025.								
Trim is per 160.00Ft								
Draft is from Baseline.								
Moment in Ft-LT.								

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Marine Response Consultants
SPIRIT OF NORFOLK FOR SALVAGE

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CRITICAL POINT STATUS

Baseline draft: 6.303 @ Origin

Trim: Aft 0.97/160.00, Heel: Port 0.94 deg.

Critical Points	LCP	TCP	VCP	Height
(1) DRAFT STBD FWD	70.00f	11.00s	0.00	-5.70
(2) DRAFT PORT FWD	70.00f	11.00p	0.00	-6.06
(3) DRAFT STBD AFT	74.00a	18.25s	0.00	-6.45
(4) DRAFT PORT AFT	74.00a	18.25p	0.00	-7.05
(5) ER ESCAPE TRUNK TIGHT	54.00a	12.00s	12.50	6.07

Distances in FEET.

RIGHTING ARMS vs HEEL ANGLE

LCG = 8.42a TCG = 0.27p VCG = 12.63

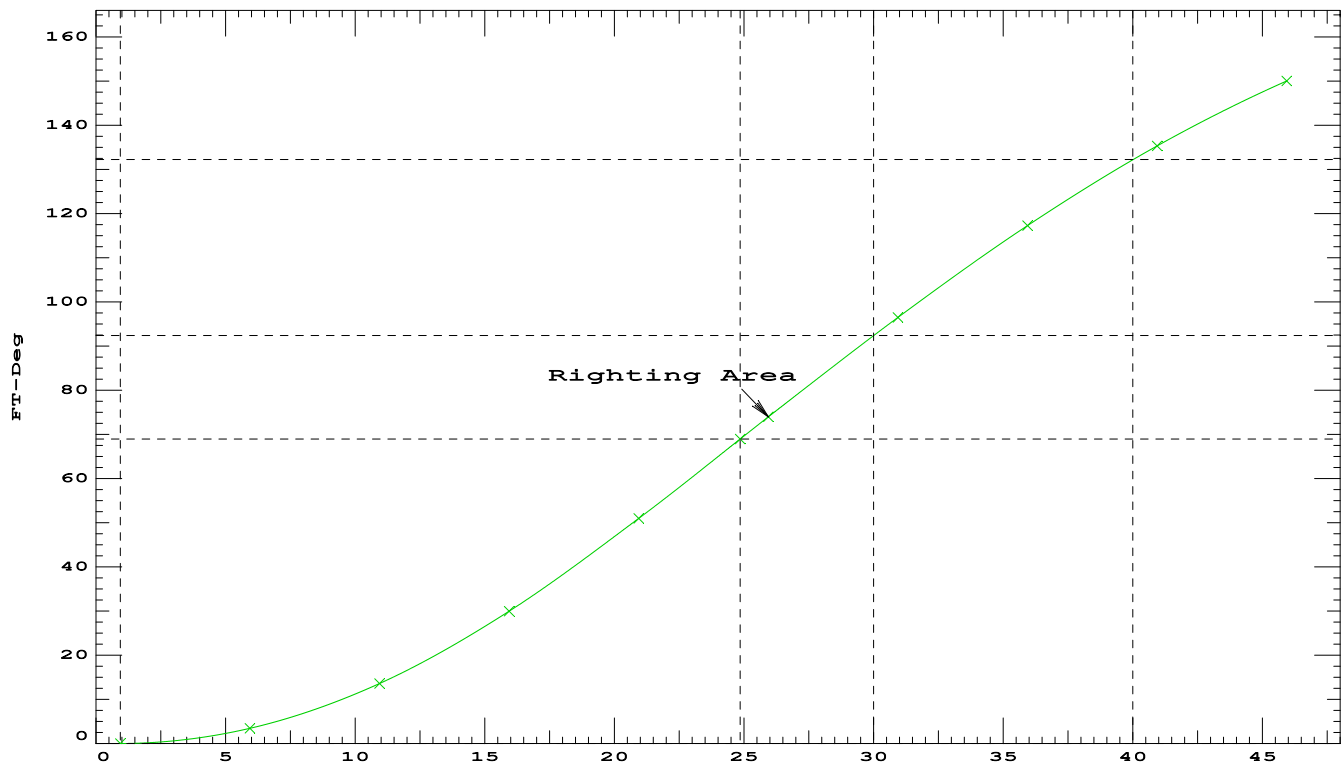
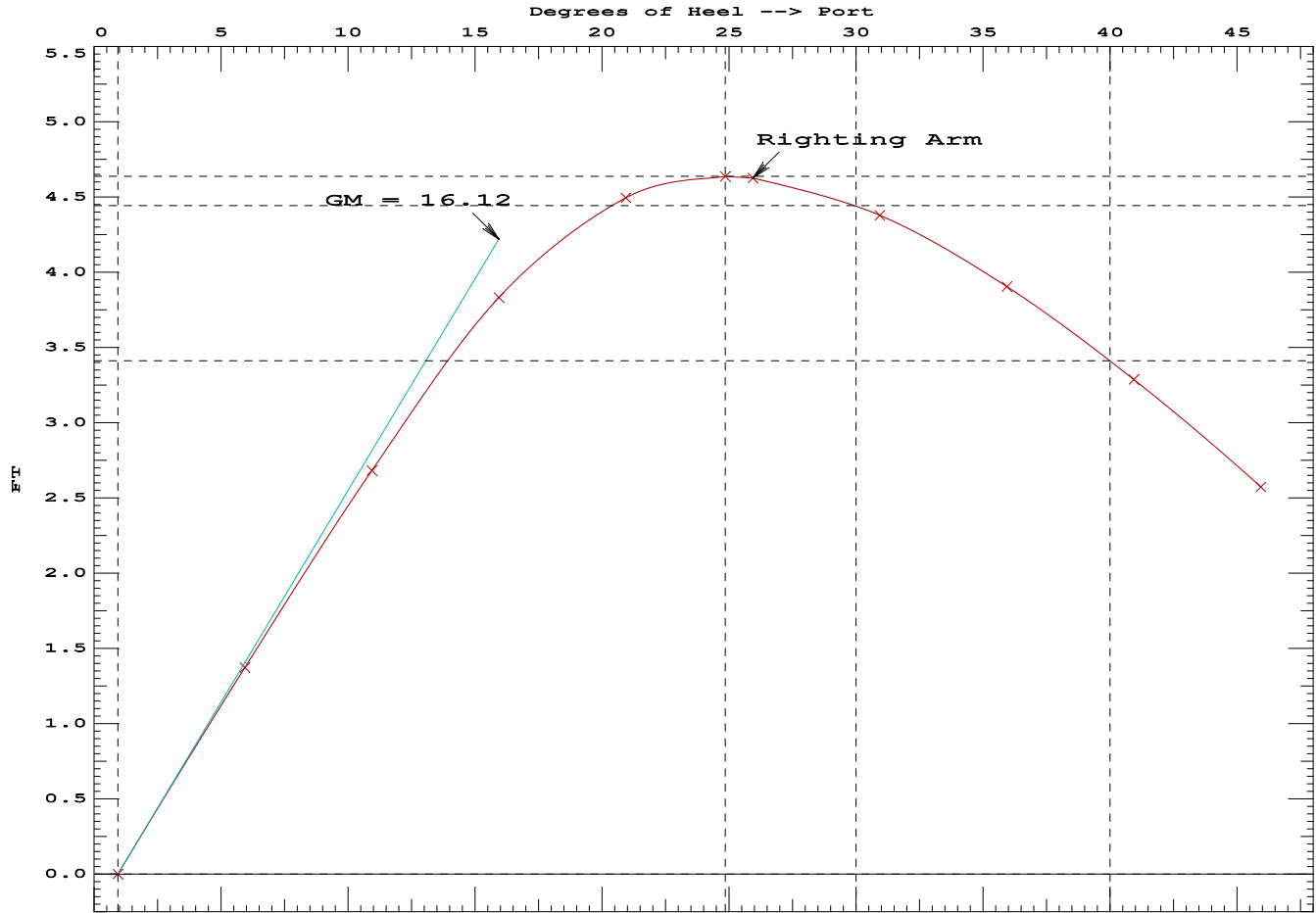
Origin Depth	Degrees of Trim	Degrees of Heel	Displacement Weight(LT)	Righting Arms in Trim	Righting Arms in Heel	Area	Flood Pt Height
6.302	0.35a	0.94p	590.34	0.00	0.000	0.00	6.07 (5)
6.239	0.32a	5.94p	590.28	0.00	1.373	3.43	7.14 (5)
6.079	0.23a	10.94p	590.27	0.00	2.682	13.60	8.26 (5)
5.786	0.09a	15.94p	590.27	0.00	3.832	29.95	9.44 (5)
5.289	0.03f	20.94p	590.29	0.00	4.494	50.97	10.71 (5)
4.834	0.09f	24.85p	590.28	0.00	4.637	68.93	11.63 (5)
4.703	0.10f	25.94p	590.19	0.00	4.626	73.98	11.88 (5)
4.088	0.14f	30.94p	590.23	0.00	4.378	96.66	12.93 (5)
3.449	0.18f	35.94p	590.15	0.00	3.905	117.46	13.88 (5)
2.794	0.21f	40.94p	590.20	0.00	3.287	135.50	14.71 (5)
2.122	0.24f	45.94p	590.23	0.00	2.573	150.19	15.42 (5)

Distances in FEET.

Specific Gravity = 1.025.

Area in Ft-Deg.

Critical Point	LCP	TCP	VCP
(5) ER ESCAPE TRUNK TIGHT	54.00a	12.00s	12.50



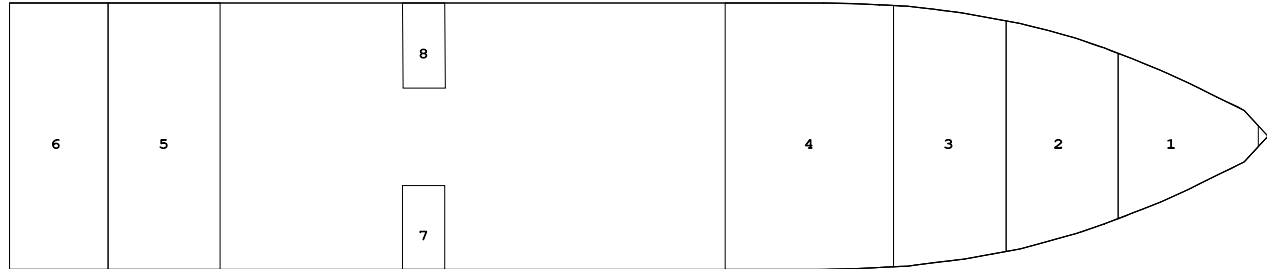
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Marine Response Consultants
SPIRIT OF NORFOLK FOR SALVAGE

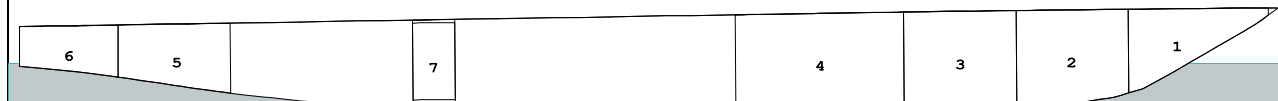
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E-WTR612

CG - Draft: 6.30 @ 0.00 Trim: aft 0.97/160.00 Heel: port 0.94 deg.

Plan View



Profile View



Tanks

1 FOREPEAK....0% SEA WATER Intact	3 FWDVOID.....0% SEA WATER Intact	6 LAZARETTE...0% SEA WATER Intact
2 THRUSTER....0% SEA WATER Intact	4 HEADS.....0% SEA WATER Intact	7 FUEL.S.....0% DIESEL OIL Intact
	5 AFTVOID.....0% SEA WATER Intact	8 FUEL.P.....0% DIESEL OIL Intact

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Marine Response Consultants
SPIRIT OF NORFOLK FOR SALVAGE

Page 1
SAILING

SPIRIT OF NORFOLK SAILING CONDITION
ENTRAINED WATER INCLUDED @ 1.5%
POTABLE & SEWAGE TANKS REMAIN AS FOUND
SPECIFIC GRAVITY OF SALT WATER USED IS 1.025

DRAFT FWD @ -70 = 6.78
DRAFT AFT @ 74 = 6.38

WEIGHT and DISPLACEMENT STATUS							
Baseline draft: 6.590 @ Origin							
Trim: Fwd 0.45/160.00, Heel: 0.00 deg.							
Part			Weight(LT)	LCG	TCG	VCG	
LIGHT SHIP			477.11	11.25a	0.00	14.56	
FURNITURE			9.81	8.51f	0.00	21.71	
STORES			10.00	12.00f	0.00	12.00	
POTABLE WATER			40.90	42.00f	0.00	7.12	
SEWAGE FWD			2.34	22.00f	0.00	1.05	
SEWAGE AFT			3.28	14.00a	0.00	1.00	
PASSENGERS & CREW			50.00	11.00f	0.00	35.67	
Total Fixed			593.44	4.87a	0.00	15.77	
	Load	SpGr	Weight(LT)	LCG	TCG	VCG	RefHt
FOREPEAK	0.015	1.025	0.47	71.60f	0.00	3.67	-4.19
THRUSTER	0.015	1.025	1.40	59.61f	0.00	1.47	-1.76
FWDVOID	0.015	1.025	2.15	45.09f	0.00	1.20	-1.42
HEADS	0.015	1.025	3.91	25.36f	0.00	1.06	-1.27
AFTVOID	0.015	1.025	1.88	60.29a	0.01p	3.36	-3.84
LAZARETTE	0.015	1.025	1.24	75.68a	0.01p	5.43	-5.85
FUEL.S	0.015	0.870	0.25	28.97a	9.05s	1.56	-1.84
FUEL.P	0.015	0.870	0.25	28.97a	9.05p	1.56	-1.83
ER-GALLEY	0.015	1.025	10.07	9.75a	0.04p	1.10	-1.41
Total Tanks			21.61	0.28a	0.02p	1.64	
Total Weight			615.05	4.71a	0.00	15.28	
			Displ(LT)	LCB	TCB	VCB	
HULL	1.025		615.05	4.68a	0.00	4.18	-6.59
Righting Arms:				0.00	0.00		
Distances in FEET.							

HYDROSTATIC PROPERTIES								
Trim: Fwd 0.45/160.00, Heel: 0.00 deg., VCG = 15.28								
LCF Draft	Displacement Weight(LT)	Buoyancy-Ctr. LCB	VCB	Weight/ Inch	LCF	Moment/ In trim	GML	GMT
6.553	615.05	4.68a	4.18	12.51	13.16a	139.61	435.8	10.43
Distances in FEET.			Specific Gravity = 1.025.				Moment in Ft-LT.	
Draft is from Baseline.			Trim is per 160.00Ft					
						True Free Surface included.		

CRITICAL POINT STATUS

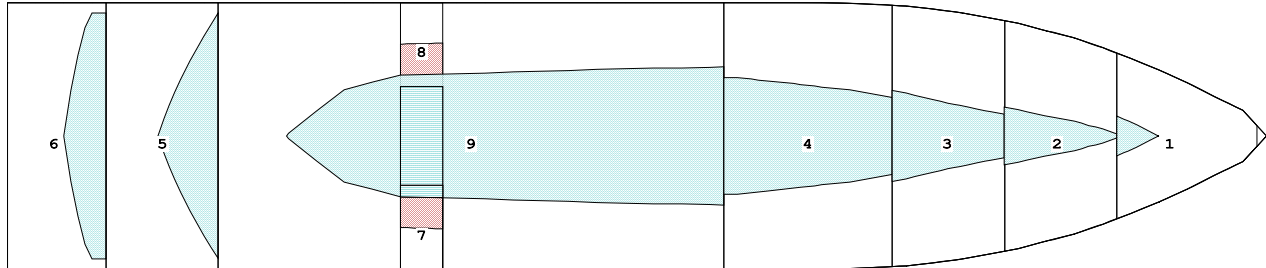
Baseline draft: 6.590 @ Origin
Trim: Fwd 0.45/160.00, Heel: 0.00 deg.

Critical Points	LCP	TCP	VCP	Height
(1) DRAFT STBD FWD	70.00f	18.25s	0.00	-6.79
(2) DRAFT PORT FWD	70.00f	18.25p	0.00	-6.79
(3) DRAFT STBD AFT	74.00a	18.25s	0.00	-6.38
(4) DRAFT PORT AFT	74.00a	18.25p	0.00	-6.38

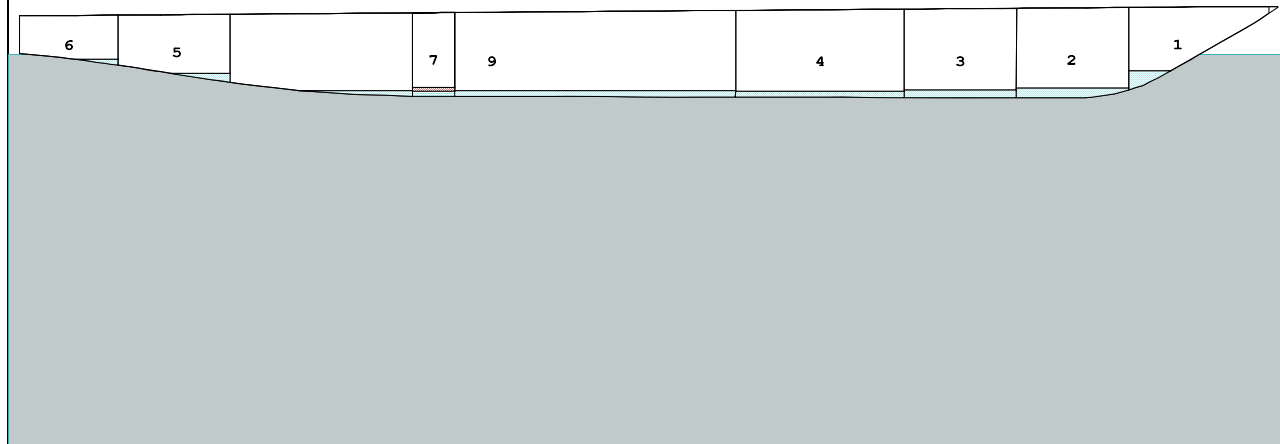
Distances in FEET.

CG - Draft: 6.59 @ 0.00 Trim: fwd 0.45/160.00 Heel: 0.00 deg.

Plan View



Profile View



Tanks

1 FOREPEAK....2% SEA WATER Intact	4 HEADS.....2% SEA WATER Intact	8 FUEL.P.....2% DIESEL OIL Intact
2 THRUSTER....2% SEA WATER Intact	5 AFTVOID.....2% SEA WATER Intact	9 ER-GALLEY...2% unknown Intact
3 FWDVOID.....2% SEA WATER Intact	6 LAZARETTE...2% SEA WATER Intact	
	7 FUEL.S.....2% DIESEL OIL Intact	