

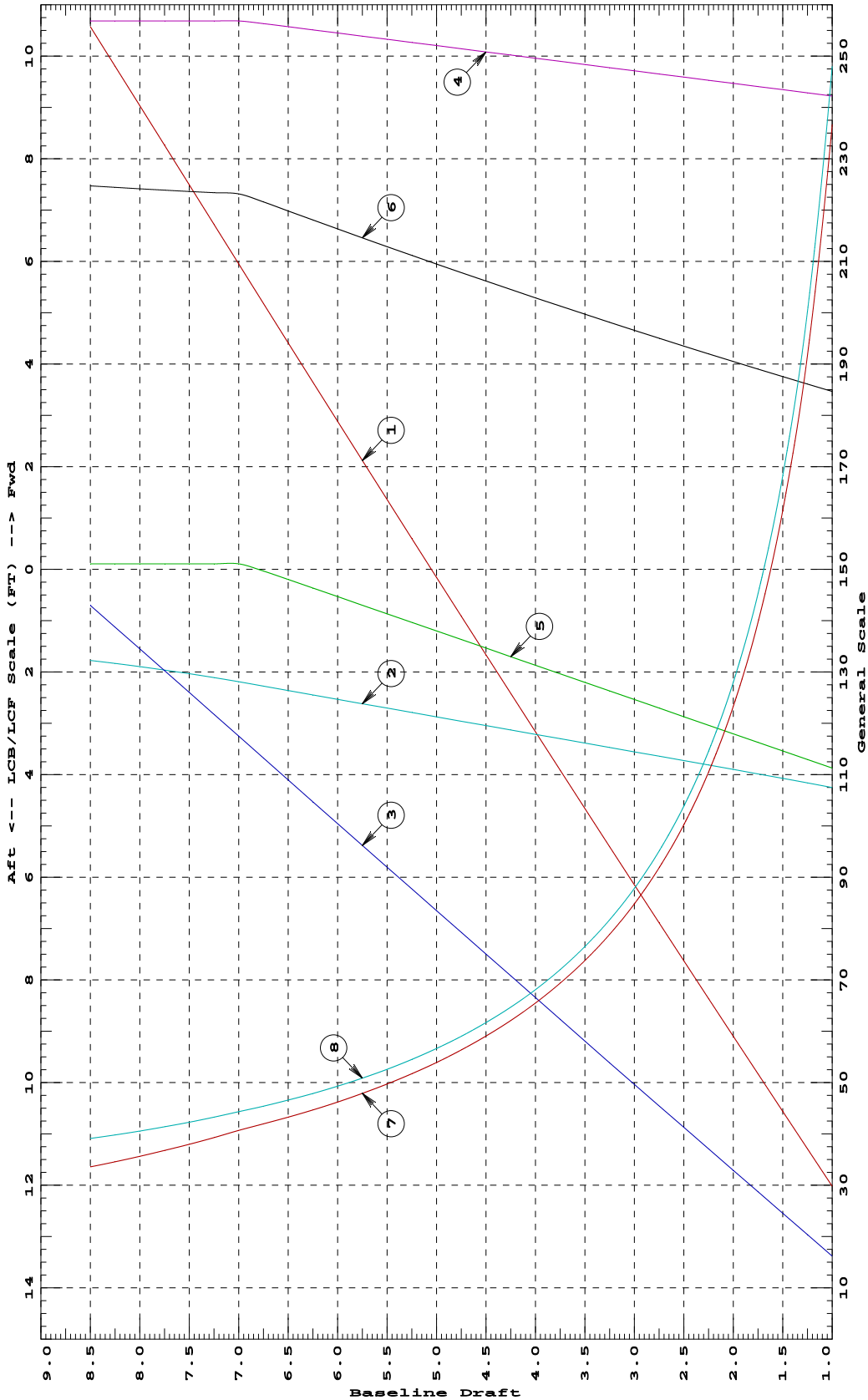
FARRELL AND NORTON NAVAL ARCHITECTS  
 BOBBY D DECK BARGE

HYDROSTATIC PROPERTIES  
 No Trim, No Heel, VCG = 0.00

Draft@ Origin	Displacement Weight(LT)	Buoyancy-Ctr.		Weight/ Inch	Moment/			
		LCB	VCB		LCF	Deg trim	KML	KMT
1.000	149.00	4.25a	0.49	12.11	3.87a	3693.61	1420.2	124.01
1.250	185.38	4.16a	0.61	12.14	3.71a	3722.32	1150.4	100.14
1.500	221.85	4.07a	0.74	12.17	3.54a	3751.34	968.7	84.12
1.750	258.41	3.99a	0.86	12.20	3.37a	3780.66	838.2	72.63
2.000	295.07	3.90a	0.99	12.23	3.21a	3810.28	739.8	63.99
2.250	331.82	3.81a	1.11	12.26	3.04a	3840.21	663.0	57.28
2.500	368.66	3.73a	1.24	12.30	2.87a	3870.44	601.5	51.92
2.750	405.59	3.64a	1.36	12.33	2.70a	3900.98	551.0	47.55
3.000	442.61	3.56a	1.49	12.36	2.54a	3931.83	508.9	43.92
3.250	479.73	3.47a	1.61	12.39	2.37a	3962.99	473.3	40.86
3.500	516.94	3.39a	1.74	12.42	2.20a	3994.48	442.7	38.25
3.750	554.24	3.30a	1.87	12.45	2.04a	4026.29	416.2	36.01
4.000	591.63	3.22a	2.00	12.48	1.87a	4058.42	393.0	34.05
4.250	629.11	3.13a	2.12	12.51	1.70a	4090.85	372.5	32.35
4.500	666.69	3.05a	2.25	12.54	1.53a	4123.60	354.3	30.84
4.750	704.36	2.96a	2.38	12.57	1.37a	4156.66	338.1	29.50
5.000	742.12	2.87a	2.50	12.60	1.20a	4190.05	323.5	28.31
5.250	779.97	2.79a	2.63	12.63	1.03a	4223.75	310.2	27.25
5.500	817.92	2.70a	2.76	12.66	0.87a	4257.77	298.2	26.29
5.750	855.95	2.62a	2.89	12.69	0.70a	4292.11	287.3	25.43
6.000	894.08	2.53a	3.01	12.73	0.53a	4326.77	277.2	24.65
6.250	932.31	2.45a	3.14	12.76	0.37a	4361.76	268.0	23.94
6.500	970.62	2.36a	3.27	12.79	0.20a	4397.03	259.5	23.29
6.750	1,009.02	2.28a	3.40	12.82	0.03a	4432.13	251.6	22.70
7.000	1,047.52	2.19a	3.52	12.84	0.11f	4463.27	244.1	22.16
7.250	1,086.05	2.11a	3.65	12.84	0.11f	4468.06	235.7	21.62
7.500	1,124.57	2.03a	3.78	12.84	0.11f	4473.02	227.9	21.13
7.750	1,163.10	1.96a	3.91	12.84	0.11f	4478.15	220.6	20.69
8.000	1,201.63	1.90a	4.03	12.84	0.11f	4483.45	213.8	20.28
8.250	1,240.16	1.83a	4.16	12.84	0.11f	4488.92	207.4	19.90
8.500	1,278.68	1.78a	4.29	12.84	0.11f	4494.55	201.4	19.55

Distances in FEET.-----Specific Gravity = 1.015.-----Moment in Ft-LT.  
 Draft is from Baseline.

HYDROSTATIC PROPERTIES at LEVEL TRIM



- ① Displacement 1=5 LT
- ② LCB (use top scale)
- ③ VCB (KB) 1=.03 FT
- ④ Immersion 1=.05 LT/IN
- ④ WPA 1=21.2 Sq.FT
- ⑤ LCF (use top scale)
- ⑥ Moment/Trim 1=20 FT-LT/Deg
- ⑦ KML 1=6 FT
- ⑧ KMT 1=.5 FT

Specific Gravity = 1.015    Assumed KG = 0.00 FT  
"K" = BPL

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BOBBY D DECK BARGE

CURVES OF FORM

HULL.C Component of Part HULL

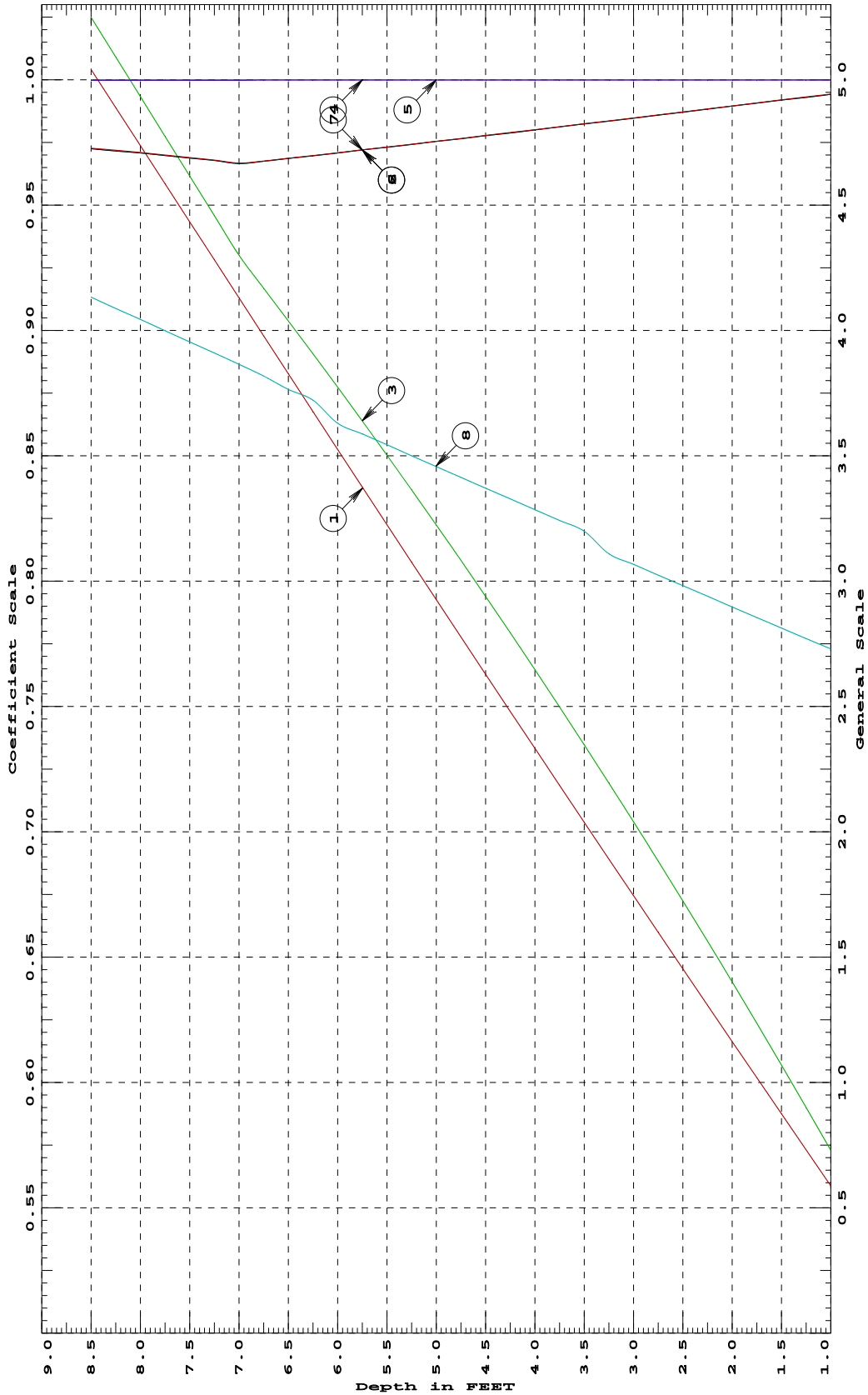
Trim: zero Heel: zero

Ref Pt	Volume	Block	Displ/	WaterPl	MaxSect	PrismaticCoefs		Wetted
Depth	(Cu Ft)	Coef	Length	Coef	Coef	Long	Vert	Surface
1.00	5287	0.994	65.6	1.000	1.000	0.994	0.994	5459.2
1.25	6578	0.993	81.0	1.000	1.000	0.993	0.993	5542.8
1.50	7872	0.992	96.2	1.000	1.000	0.992	0.992	5626.7
1.75	9169	0.991	111.3	1.000	1.000	0.991	0.991	5710.7
2.00	10470	0.989	126.1	1.000	1.000	0.989	0.990	5794.9
2.25	11774	0.988	140.7	1.000	1.000	0.988	0.988	5879.2
2.50	13081	0.987	155.2	1.000	1.000	0.987	0.987	5963.8
2.75	14392	0.986	169.5	1.000	1.000	0.986	0.986	6048.4
3.00	15705	0.985	183.6	1.000	1.000	0.985	0.985	6133.3
3.25	17022	0.984	197.5	1.000	1.000	0.984	0.984	6218.3
3.50	18343	0.982	211.2	1.000	1.000	0.982	0.982	6398.8
3.75	19666	0.981	224.8	1.000	1.000	0.981	0.981	6484.3
4.00	20993	0.980	238.2	1.000	1.000	0.980	0.980	6569.9
4.25	22323	0.979	251.5	1.000	1.000	0.979	0.979	6655.7
4.50	23656	0.978	264.5	1.000	1.000	0.978	0.978	6741.6
4.75	24993	0.977	277.4	1.000	1.000	0.977	0.977	6827.7
5.00	26332	0.975	290.2	1.000	1.000	0.975	0.975	6914.0
5.25	27675	0.974	302.8	1.000	1.000	0.974	0.974	7000.5
5.50	29022	0.973	315.2	1.000	1.000	0.973	0.973	7087.1
5.75	30371	0.972	327.5	1.000	1.000	0.972	0.972	7173.9
6.00	31724	0.971	339.6	1.000	1.000	0.971	0.971	7260.8
6.25	33080	0.970	351.6	1.000	1.000	0.970	0.970	7443.2
6.50	34439	0.969	363.4	1.000	1.000	0.969	0.969	7530.7
6.75	35802	0.967	375.1	1.000	1.000	0.967	0.968	7635.4
7.00	37168	0.967	387.0	1.000	1.000	0.967	0.967	7730.2
7.25	38534	0.968	401.2	1.000	1.000	0.968	0.968	7819.5
7.50	39901	0.969	415.5	1.000	1.000	0.969	0.969	7908.8
7.75	41268	0.970	429.7	1.000	1.000	0.970	0.970	7998.1
8.00	42635	0.971	443.9	1.000	1.000	0.971	0.971	8087.4
8.25	44002	0.972	458.2	1.000	1.000	0.972	0.972	8176.7
8.50	45369	0.972	472.4	1.000	1.000	0.972	0.973	8266.0

Distances in FEET.-----Length is true waterline.-----

HULL Reference Point: Long.= 0.00 Trans.= 0.00 Vert.= 0.00

CURVES OF FORM  
 HULL. Component of Part HULL



- ① Volume 1=9000 CU.FT
- ② Block Coef.
- ③ Displ/Length Ratio 1=90
- ④ Waterplane Coef.
- ⑤ Maximum Section Coef.
- ⑥ Long. Prismatic
- ⑦ Vertical Prismatic
- ⑧ Wetted Surface 1=2000 SQ.FT

Depth is relative to HULL Reference Point