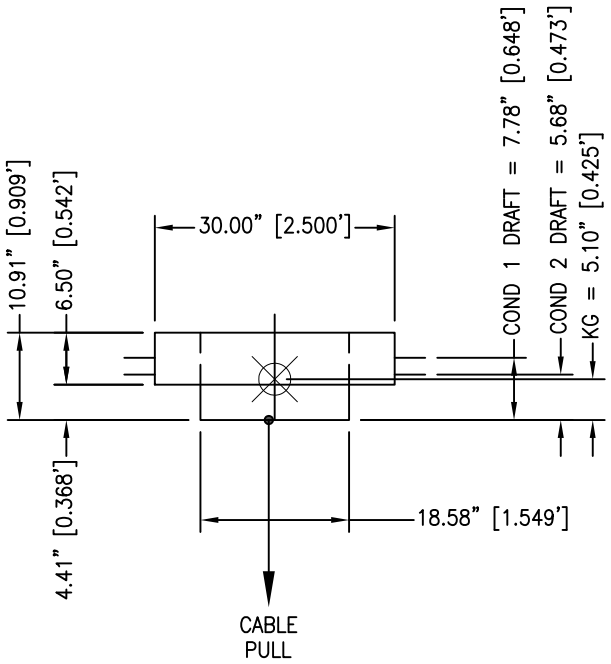

NOTE:
COND 2 IS AT MAX CABLE TENSION (55 LBS).
COND 1 WATERLING IS AT MIN CABLE TENSION (0 LBS).
BUOY WEIGHT IS 77 LBS.

2.5W WAVE ENERGY CONVERTER
GENERAL ARRANGEMENT
1/2"=1'-0" 8-SEPT-2026

WEIGHT STATUS

Baseline draft: 0.473 @ Origin

Part	Weight(LB)	LCG	TCG	VCG
LIGHT SHIP	77	0.00	0.00	0.43
Total Weight-------->	77	0.00	0.00	0.43

Distances in FEET.

HYDROSTATIC PROPERTIES

Trim: Aft 0.04 deg., No Heel, VCG = 0.43

LCF Draft	Displacement Weight(LB)	Buoyancy-Ctr. LCB	VCB	Weight/ Inch	Moment/ LCF	Deg trim	GML	GMT
0.473	77	0.00	0.29	26	0.00	1.96	1.46	1.45

Distances in FEET.-------Specific Gravity = 1.025.-----------Moment in Ft-LB.
Draft is from Baseline.

RIGHTING ARMS vs HEEL ANGLE

LCG = 0.00 TCG = 0.00 VCG = 0.43

Origin Depth	Degrees of Trim	Heel	Displacement Weight(LB)	Righting Arms in Trim	in Heel
0.473	0.01f	0.00	77	0.00	0.000
0.471	0.04a	5.00s	77	0.00	0.128
0.454	0.01f	10.00s	77	0.00	0.211
0.424	0.04a	15.00s	77	0.00	0.266
0.387	0.01f	20.00s	77	0.00	0.319
0.348	0.04a	25.00s	77	0.00	0.373
0.308	0.01f	30.00s	77	0.00	0.416
0.267	0.04a	35.00s	77	0.00	0.439
0.224	0.01f	40.00s	77	0.00	0.445
0.213	0.01f	41.25s	77	0.00	0.445
0.179	0.04a	45.00s	77	0.00	0.440
0.133	0.01f	50.00s	77	0.00	0.425
0.085	0.04a	55.00s	77	0.00	0.403
0.037	0.01f	60.00s	77	0.00	0.376
-0.012	0.04a	65.00s	77	0.00	0.344
-0.061	0.01f	70.00s	77	0.00	0.307
-0.109	0.03a	75.00s	77	0.00	0.268
-0.156	0.01f	80.00s	77	0.00	0.225
-0.202	0.07f	85.00s	77	0.00	0.181
-0.247	0.05a	90.00s	77	0.00	0.135

Distances in FEET.---Specific Gravity = 1.025.---------

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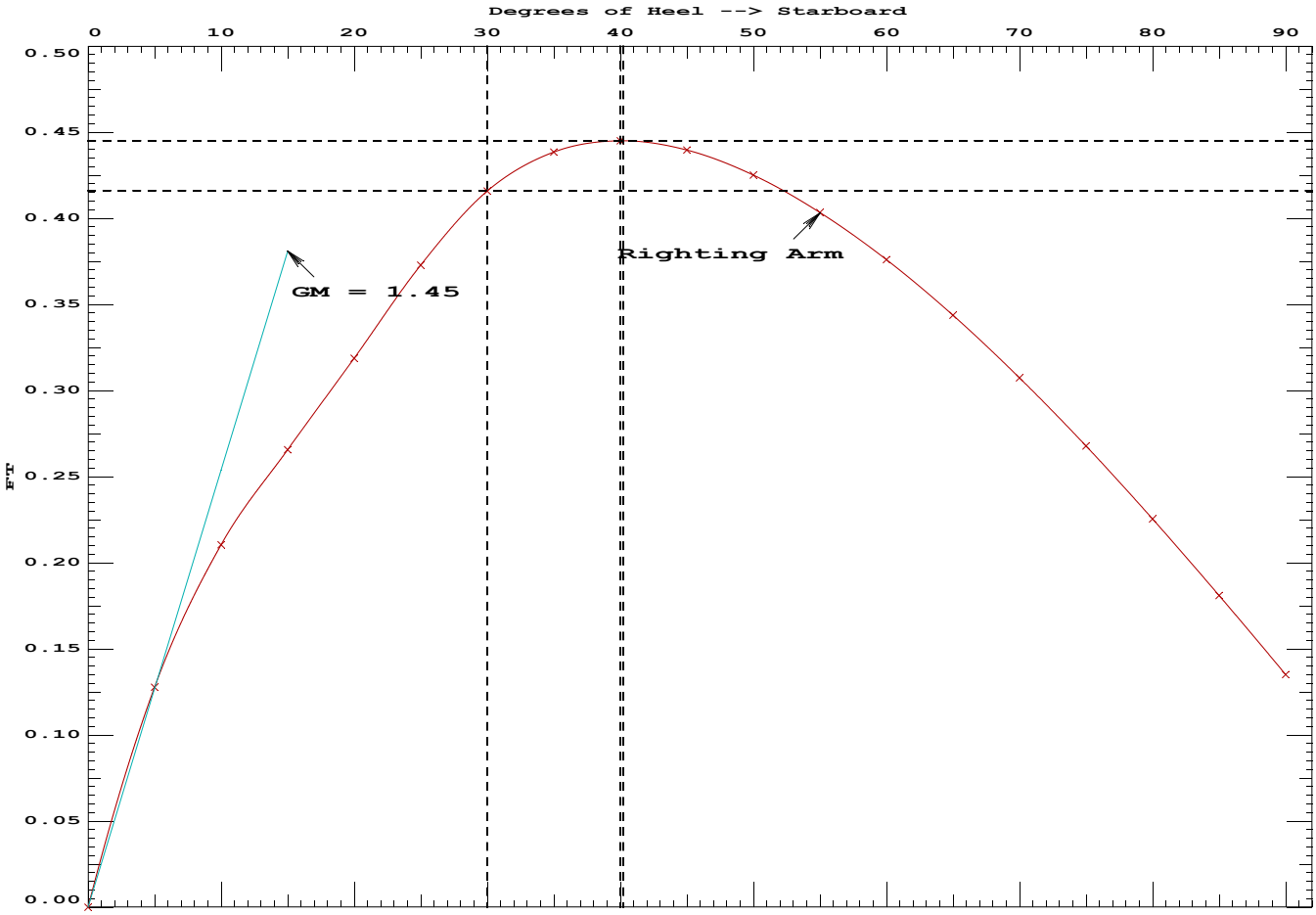
GHS 11.50 2.5W WAVE ENERGY CONVERTER 2D5W-PB

CONDITION 1: NO CABLE LOAD



CONDITION 2: 55 LBS CABLE TENSION (FULL LOAD)

WEIGHT STATUS

Baseline draft: 0.648 @ Origin

Part	Weight(LB)	LCG	TCG	VCG
LIGHT SHIP	77	0.00	0.00	0.43
Subsea Pull	55	0.00	0.00	0.00
Total Weight-------->	132	0.00	0.00	0.25

Distances in FEET.

HYDROSTATIC PROPERTIES

Trim: Fwd 0.01 deg., No Heel, VCG = 0.25

LCF Draft	Displacement Weight(LB)	Buoyancy-Ctr. LCB	VCB	Weight/ Inch	Moment/ LCF--Deg trim	GML	GMT
0.648	132	0.00	0.40	26	0.00 2.50	1.08	1.08

Distances in FEET.-------Specific Gravity = 1.025.-----------Moment in Ft-LB.
Draft is from Baseline.

RIGHTING ARMS vs HEEL ANGLE

LCG = 0.00 TCG = 0.00 VCG = 0.25

Origin Depth	Degrees of Trim	Heel	Displacement Weight(LB)	Righting Arms in Trim	in Heel
0.648	0.04a	0.00	132	0.00	0.000
0.645	0.01f	5.00s	132	0.00	0.095
0.638	0.04a	10.00s	132	0.00	0.190
0.627	0.01f	15.00s	132	0.00	0.281
0.612	0.04a	20.00s	132	0.00	0.335
0.594	0.01f	25.00s	132	0.00	0.365
0.575	0.04a	30.00s	132	0.00	0.386
0.555	0.01f	35.00s	132	0.00	0.400
0.534	0.04a	40.00s	132	0.00	0.410
0.513	0.01f	45.00s	132	0.00	0.416
0.492	0.04a	49.34s	132	0.00	0.418
0.489	0.01f	50.00s	132	0.00	0.418
0.483	0.01f	51.25s	132	0.00	0.417
0.463	0.04a	55.00s	132	0.00	0.415
0.434	0.00f	60.00s	132	0.00	0.407
0.402	0.04a	65.00s	132	0.00	0.396
0.367	0.00	70.00s	132	0.00	0.381
0.329	0.04a	75.00s	132	0.00	0.362
0.290	0.00	80.00s	132	0.00	0.341
0.248	0.03a	85.00s	132	0.00	0.317
0.205	9.33a	90.00s	132	0.00	0.286

Distances in FEET.---Specific Gravity = 1.025.---------

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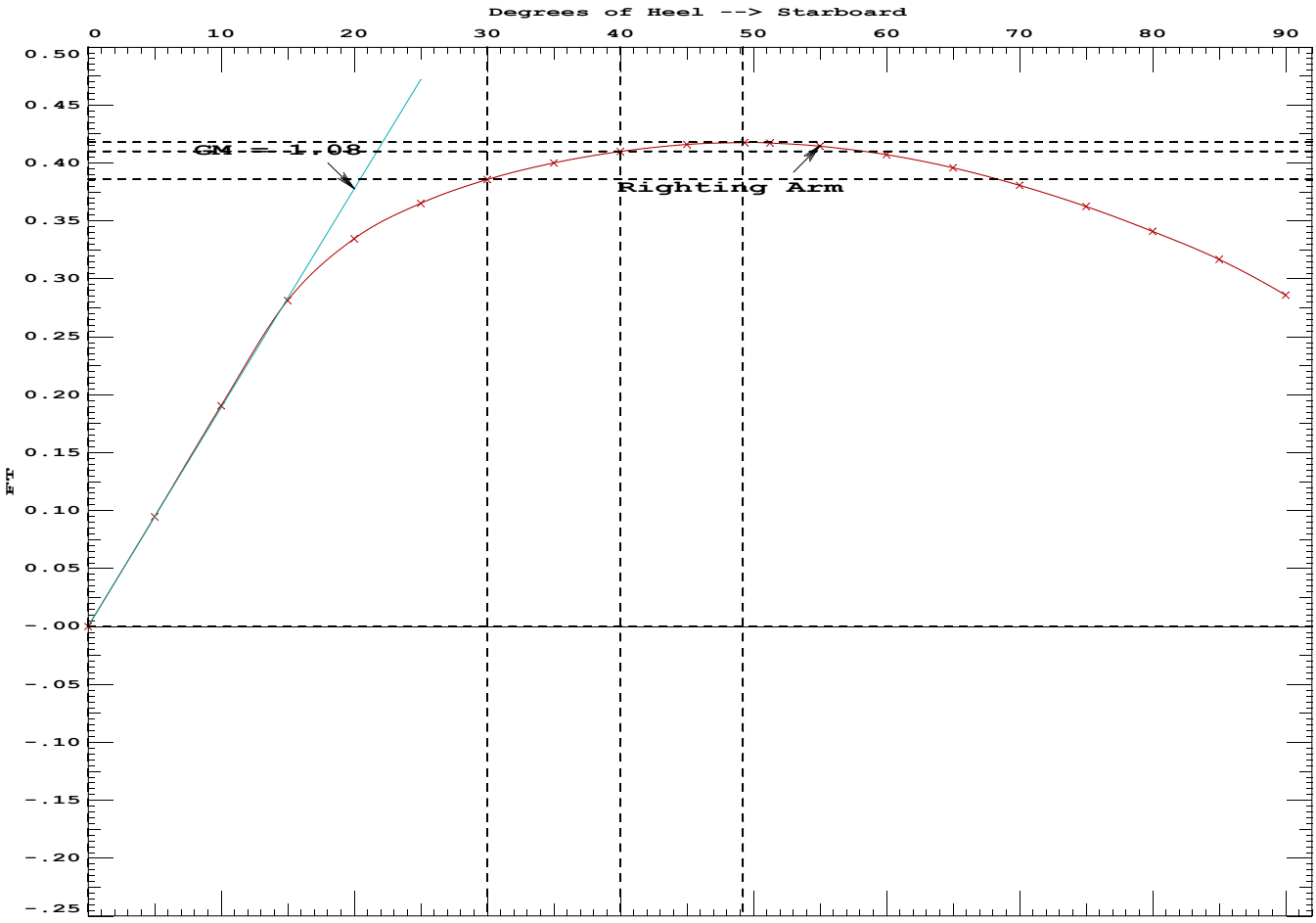
GHS 11.50 2.5W WAVE ENERGY CONVERTER 2D5W-PB

CONDITION 2: 55 LBS CABLE TENSION (FULL LOAD)

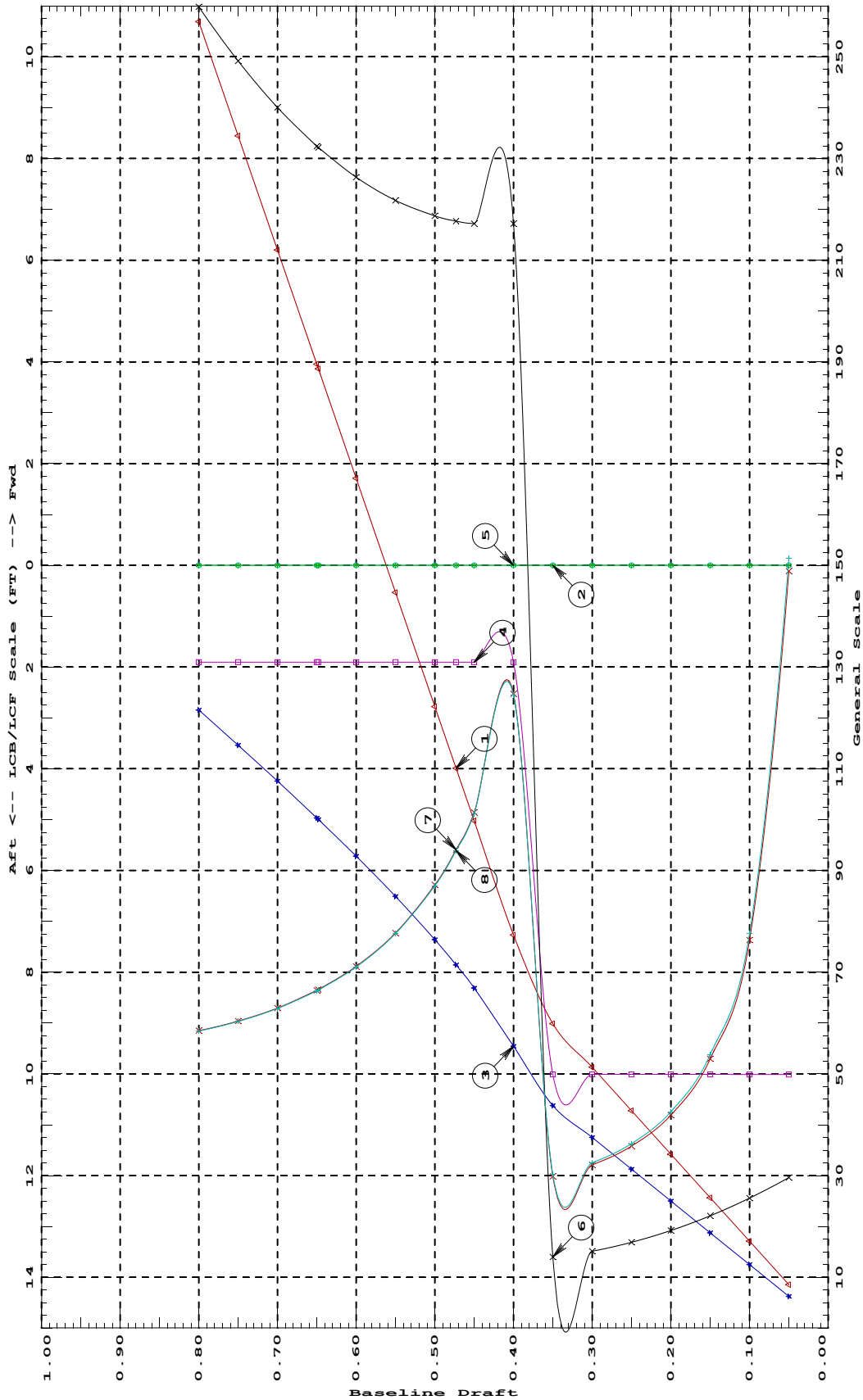


HYDROSTATIC PROPERTIES
No Trim, No Heel, VCG = 0.43

LCF Draft	Displacement Weight(LB)	Buoyancy-Ctr. LCB	VCB	Weight/ Inch	Moment/ LCF	Deg trim	KML	KMT
0.800	180	0.00	0.49	26	0.00	2.34	1.17	1.17
0.750	164	0.00	0.46	26	0.00	2.24	1.21	1.21
0.700	148	0.00	0.43	26	0.00	2.16	1.26	1.26
0.650	133	0.00	0.40	26	0.00	2.09	1.33	1.33
0.648	132	0.00	0.40	26	0.00	2.09	1.33	1.33
0.600	117	0.00	0.37	26	0.00	2.04	1.42	1.42
0.550	101	0.00	0.34	26	0.00	2.00	1.55	1.55
0.500	86	0.00	0.31	26	0.00	1.97	1.74	1.74
0.473	77	0.00	0.29	26	0.00	1.96	1.88	1.88
0.450	70	0.00	0.27	26	0.00	1.95	2.03	2.02
0.400	54	0.00	0.22	26	0.00	1.95	2.49	2.49
0.350	42	0.00	0.18	10	0.00	0.13	0.60	0.60
0.300	36	0.00	0.15	10	0.00	0.14	0.64	0.65
0.250	30	0.00	0.13	10	0.00	0.15	0.72	0.73
0.200	24	0.00	0.10	10	0.00	0.17	0.84	0.85
0.150	18	0.00	0.08	10	0.00	0.20	1.06	1.08
0.100	12	0.00	0.05	10	0.00	0.23	1.53	1.55
0.050	6	0.00	0.03	10	0.00	0.27	2.98	3.03

Distances in FEET.-------Specific Gravity = 1.025.-----------Moment in Ft-LB.
Draft is from Baseline.

HYDROSTATIC PROPERTIES at LEVEL TRIM



(1) Displacement 1=.7 LB
(2) LCB (use top scale)
(3) VCB (KB) 1=.004 FT
(4) Immersion 1=.2 LB/IN
(4) WPA 1=.0375 Sq.FT
(5) LCF (use top scale)
(6) Moment/Trim 1=.009 FT-LB/Deg
(7) KML 1=.02 FT
(8) KMT 1=.02 FT

Specific Gravity = 1.025 Assumed KG = 0.43 FT
"K" = Baseline