

09/08/26 17:18:37
GHS 11.50

2.5W WAVE ENERGY CONVERTER
CONDITION 1: NO CABLE LOAD

2D5W-PB

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	Displacement	Buoyancy-Ctr.	Weight/	Moment/					
Draft----	Weight(LB)----	LCB-----	VCB-----	Inch-----	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	Degrees of	Displacement	Righting Arms		
Depth---	Trim---	Heel---	Weight(LB)---	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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