

Project: F/V DESTINATION
Weights

3/21/2017

Item	Description	Unit Wt (Lbs)	Qty	Total Wt (L. Tons)	LCG (Feet)	TCG (Feet)	VCG (Feet)	L. Mom (LT-FT)	T. Mom (LT-FT)	V. Mom (LT-FT)
A	Condition no 3 from existing booklet			577.6	55.0	0.0	13.98	31766.4	0.0	8074.4
B	Weights Added			9.0	12.3	0.0	9.5	110.3	0.0	85.9
C	Weights Removed			-0.5	12.5	0.0	12.5	-6.6	0.0	-6.6
	New Light Ship (calculated)									
	Total:			586.0	54.4	0.0	13.9	31870.1	0.0	8153.7
				(LT)			VCG			

Weight difference 9.0 LT LCG change = -0.6 ft
Difference as percentage of LS 1.6 % Perc of Lpp = -0.60 %
Lpp = 103 ft

Weights Added:

1	Bulb steel weight	Bulb added Dec 2012.	12900	1	5.8	2.0	0.0	7.8	11.5	0.0	44.6
2	Plate on bow sides	Plate for ice strengthening.	2631	1	1.2	12.5	0.0	12.5	14.7	0.0	14.7
3	New angle longs in sides	guess 320 ft	9.8	320	1.4	12.5	0.0	12.5	17.5	0.0	17.5
4	Stern structure additions	guess at amount	1500	1	0.7	99.5	0.0	13.5	66.6	0.0	9.0
5			0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6			0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Sub total:				9.0	12.3	0.0	9.5	110.3	0.0	85.9
					(LT)			VCG			

Weights Removed:

1	misc		1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	Removed flat bar longs in sides	Replaced by new angles.	3.7	320	0.5	12.5	0.0	12.5	6.6	0.0	6.6
3			0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Sub total:				0.5	12.5	0.0	12.5	6.6	0.0	6.6

Note:

Previous Light Ship shown and its vertical center of gravity are from the existing Trim and Stability Report.