

Part 5 – Flotation

Indicate below the flotation standard this boat is to be rated under.

Level None

Buoyancy of flotation material lbs. per cu. ft.

All O/B boats under 20-ft. must be rated under the Level Standard. If this boat is more than 20-ft. and not to be rated for flotation, do NOT complete the remainder of Part V.

Indicate the actual amounts of flotation installed in the boat

Total amount cu. ft.

In the table below, break down the hull and deck into the component materials, by weight: (Optional if level flotation test report submitted) DO NOT include foam as a component material.

	Hull Include everything below swamped waterline	Deck Include everything above swamped waterline
Fiberglass	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> lbs.	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> lbs.
Aluminum	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> lbs.	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> lbs.
Fir Plywood (or pine)	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> lbs.	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> lbs.
Hardware:	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> lbs.	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> lbs.

(Include Empty Fuel System Weight)

Other: (Specify Material)

_____	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> lbs.	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> lbs.	<input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> lbs. ± Circle the proper sign
_____	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> lbs.	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> lbs.	<input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> lbs. ± Circle the proper sign
_____	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> lbs.	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> lbs.	<input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> lbs. ± Circle the proper sign

The sum of these weights PLUS the weight of the flotation material MUST equal the Weight of the Finished Boat on page 1

See Table 1 on page 2 for conversion factor

Definitions for Part 6:

Static Float Plane — the plane below all points of major leakage and the most forward point of the boat (including trim) below which the maximum displacement of the boat exists. Other definitions of the Static Float Plane acceptable to the U.S. Coast Guard may be used if that definition and evidence of acceptance is supplied.

Calculation Length — is the horizontal length from the most forward part of the boat below the static float plane to the vertical midpoint of the transom below the static float plane.

Transverse Sections (AA, A, B, C and D) — are established at the quarter lengths and at the midpoint of forward quarter length which, except for the transom, are perpendicular to the static float plane.

Vertical Depth (a, b, c, d, e and f) — are established below the static float plane in each transverse section at five equidistant intervals between the boat longitudinal centerline and the extreme section width existing below the static float plane.

Measurements — are taken to the outside of the hull and recorded in inches with decimal equivalents for fractions, as from the table below.

Fractions to Decimal

1/8 inch = 0.12	3/8 inch = 0.37	5/8 inch = 0.63	7/8 inch = 0.88
1/4 inch = 0.25	1/2 inch = 0.5	3/4 inch = 0.75	

Level Flotation Test Report
(NMMA use only)

Required if Level Box checked

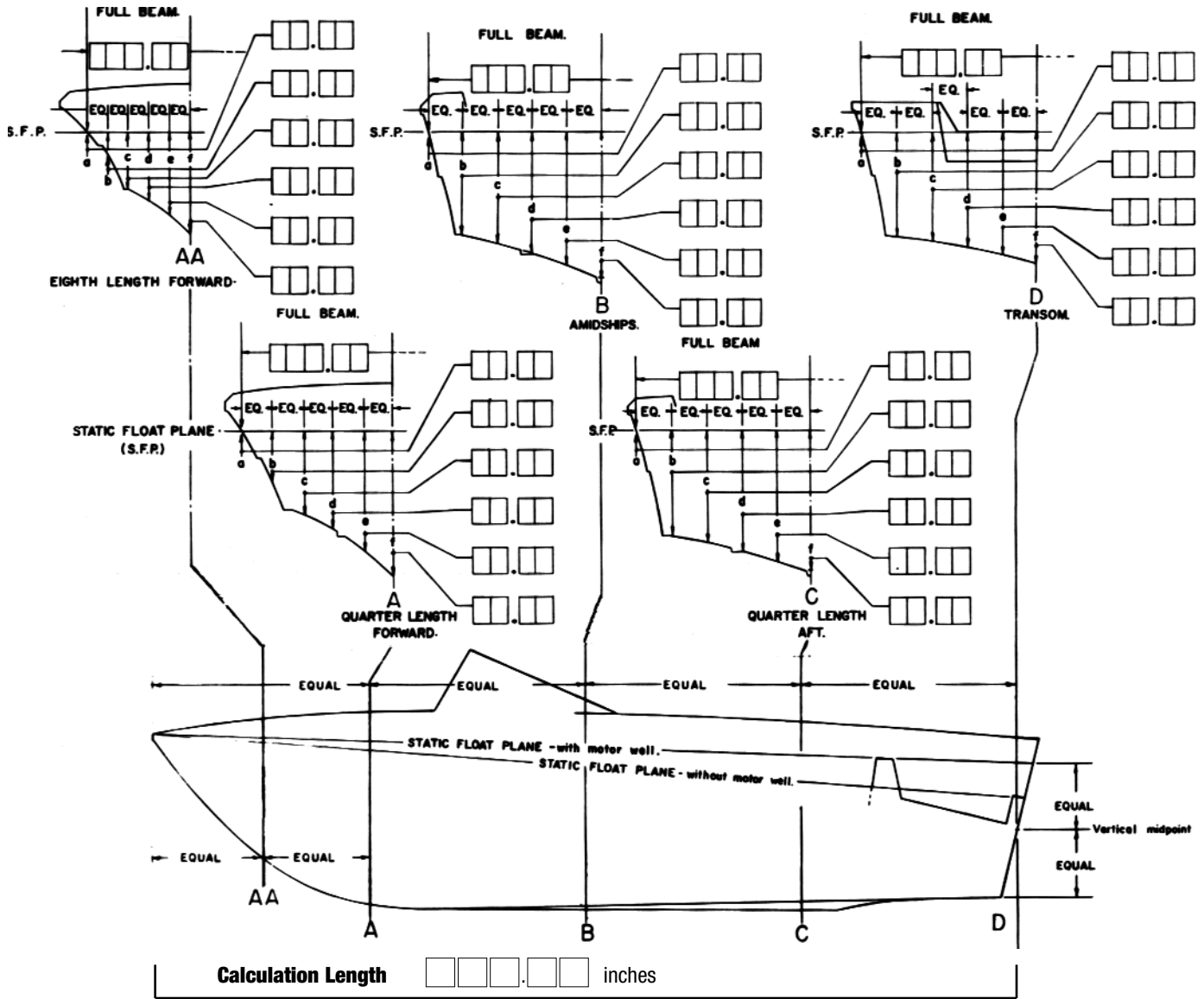
For boat . cu. ft.
Symmetrical about midpoint

For engine . cu. ft.
Symmetrical at transom

For persons . cu. ft.
Symmetrical at sides

Part 6: Boat Capacity Data

Option 1



Calculation Length inches

Volume change inches circle the proper sign + -

Motor Well and "Extra Volume" — If the static float plane is above the boat's transom motor cut-out, the volume within the motor well which is below the static float plane must be subtracted.

Volume of integral structure aft of the transom below the static float plane may be added to the cubic capacity.

Option 2: Other definitions of Static Float Plane

Capacity in cubic feet