

Keel Measurement Instructions:

- 1 Set Jig # 1 at back (trailing edge) of keel along bottom edge of the hull. (Jig # 1 is smaller than Jig # 2) Make sure two points are flush with the hull and the single point is on the trailing edge of the keel. Mark the single intersection with a pencil (MP A). Measure down 19 inches (482.6 mm) from the mark and make a second mark (MP C).
- 2 Set Jig # 2 at front (leading edge) of keel along bottom edge of the hull. Make sure two points are flush with the hull and the single point is on the front edge of the keel. Mark the single intersection with a pencil (MP B). Measure down 23 3/4 inches (590.55) from the mark and make a second mark (MP D).
- 3 Measure MPA to MPB using Jig Verify the measurement falls within the minimum and maximum for chord length (955.7 mm minimum, 974.7 mm maximum). Measure MPC to MPD using Jig Verify the measurement falls within the minimum and maximum for chord length (590.6 mm minimum, 616.0 mm maximum).
- 4 Measure transom to MPA (2883 mm minimum, 2908.3 mm maximum) and measure transom to MPC (3003 mm minimum, 3029 mm maximum). Make sure to put tape measure at the intersection of the bottom of the hull and the stern.
- 5 Measure MPA to the bottom of the keel (708 mm minimum, 720.7 maximum).
- 6 Measure station thickness 1 (95.2 mm minimum) and 2 (73 mm minimum). Using Jigs.
- 7 Check station shapes using jigs (straight elliptical, deviations in shape +/- 3 mm, but not to be intentional, concave contour beyond accidental _hollow_ is considered illegal)
- 8 Measure trailing edge thickness above MP A (8 mm Minimum), between MP A and MP C (6 mm minimum) and below MP C (6 mm minimum).

New:

Station A Measurements

- 1 Additional station A is defined as the section cut of the keel stub portion of the hull between MP E and MP F.
- 2 Mark MP E, being 203.5 mm above MP A.
- 3 Mark MP F, being 253 mm above MP B.
- 4 Measure station thickness between MP E and MP F. 108 mm minimum
- 5 Measure trailing edge from MP E to hull. 8 mm minimum

Transom to MPA	_____	+	MP A to MP B	_____	=	_____
	2883 Min			955.7 Min		3871 Max
	2908.3 Max			974.7 Max		

Transom to MPC	_____	+	MP C to MP D	_____	=	_____
	3003 Min			590.6 Min		3633 Max
	3029 Max			616 Max		

MP A to Bottom of Keel	_____
	708 Min
	720.7 Max

Station thickness A	_____
	108.0 Min

Station thickness 1 _____
 95.2 Min

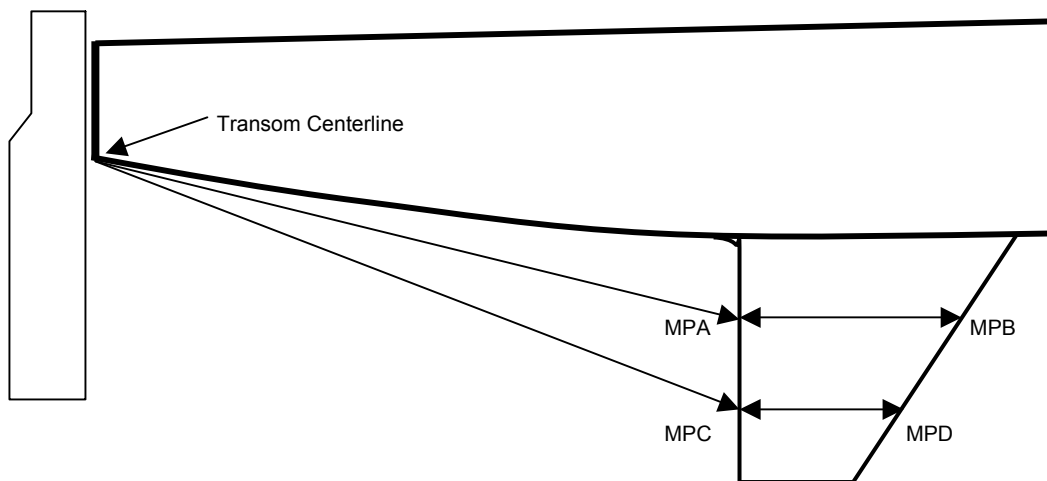
Station thickness 2 _____
 73.0 Min

Trailing edge Hull to MP E _____
 8 Min

Trailing edge MP E to MP A _____
 8 Min

Trailing edge MP A to Tip _____
 6 Min

REVISED 5/11/2005



Station 1 Thickness
95.2mm min
Station 2 Thickness
73mm min
Pass/Fail