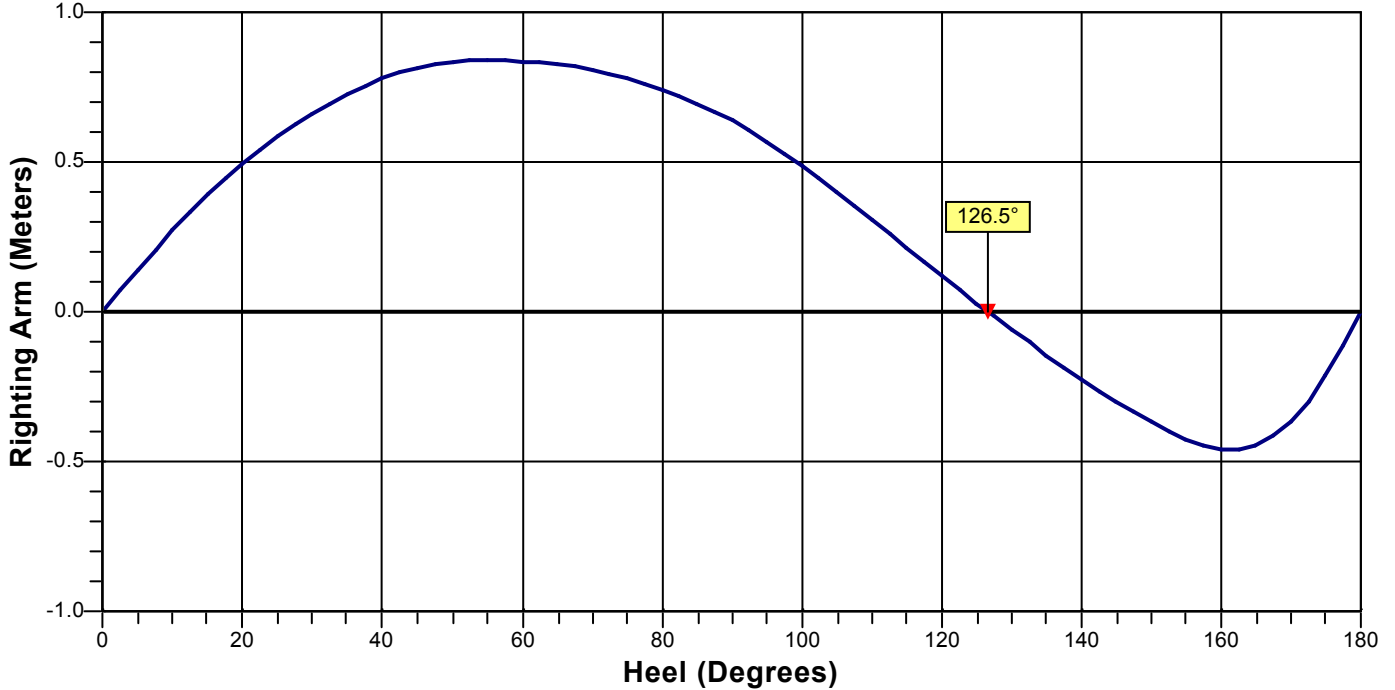




World Leader in Rating Technology

STABILITY AND HYDROSTATICS DATASHEET

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STABILITY CURVE														
Righting Moment at 1°	336.0	Stability Curve Positive Area	70.090	Stability Curve Ratio	4.5596	Stability Index	132.2							
Limit of positive stability	126.5°	Stability Curve Negative Area	15.372	Water Ballast Volume	0 l	BLR Index	0.0000							
Righting Arm (meters)														
		0°	2°	10°	20°	25°	30°	40°	60°	90°	120°	150°	165°	180°
Default Crew Weight	895 kg	0.000	0.056	0.271	0.496	0.585	0.661	0.779	0.836	0.638	0.121	-0.371	-0.446	0.000
Declared Crew Weight	895 kg	0.000	0.056	0.271	0.496	0.585	0.661	0.779	0.836	0.638	0.121	-0.371	-0.446	0.000

BOAT	
Name	SCAMP
Sail Number	B45
Class	Beneteau First 45
Designer	B Farr
Builder	Beneteau yachts
Age Date	01/2014
Measured	31/10/2015
Measurer	David Richards
Issued On	10/11/2015 - VPP 2015 1.01

HULL CHARACTERISTICS (MEASUREMENT TRIM)	
Length Overall	13.680 m
Max. Beam	4.190 m
Max. Beam Station	8.883 m
Draft	2.375 m
Max. Draft Station	6.118 m
Moment Unit Trim	17.3 kg•m/mm
Displacement Unit Immersion	29.47 kg/m m
Block Coefficient	0.4220
Prismatic Coefficient	0.5559

Rating Office
Yachting Australia
Locked Bag 806
Milsons Point
NSW 1565

YACHTING AUSTRALIA

FLOTATION (MEASUREMENT TRIM)	
Forward Freeboard at 0.320 m	1.586 m
Freeboard at mast at 5.515 m	1.365 m
Aft Freeboard at 13.128 m	1.197 m
Overhang Forward	0.605 m
Overhang Aft	1.348 m
Length Waterline	11.727 m

HYDROSTATIC DATA			
	Trim	Measurement	Sailing
Displacement		10,901 kg	12,127 kg
Wetted Area		40.80 m²	42.55 m²
Water Plane Area		28.44 m²	29.72 m²
Water Plane Beam		3.510 m	3.571 m
Longitud. Centre of Flotation		7.451 m	7.578 m
Longitud. Centre of Buoyancy		7.167 m	7.259 m
Vertical Centre of Gravity		-0.140 m	-0.023 m
Max. Section Area		1.90 m²	2.03 m²
Max. Section Area Station		6.303 m	6.580 m

Owner
Michael Mollison
38 Kuranda Street
Balmoral
4171 QLD

I certify that I understand my responsibilities under ORC Rules and Regulations

Signature

CONFORMITY WITH LIMITS	
ORC International Certificate LPS > 103°:	Yes
Offshore Special Regulations Category:	0

Sail Area Upwind	109.12 m²
Sail Plan Centre of Effort Height	8.924 m