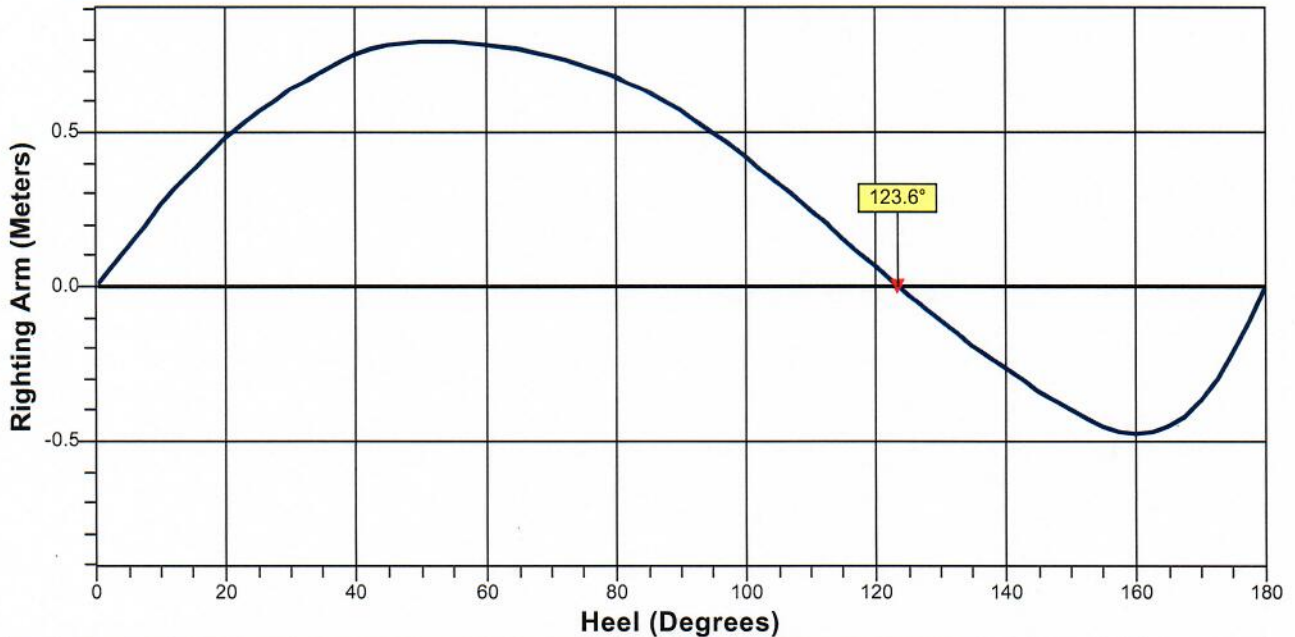




STABILITY AND HYDROSTATICS DATASHEET

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STABILITY CURVE														
Righting Moment at 1°	336.0k	Stability Curve Positive Area	64.350	Stability Curve Ratio	3.8646	Stability Index	129.8							
Limit of positive stability	123.6°	Stability Curve Negative Area	16.651	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	903kg	0.000	0.054	0.262	0.477	0.563	0.636	0.748	0.782	0.570	0.064	-0.398	-0.453	0.000
Declared Crew Weight	903kg	0.000	0.054	0.262	0.477	0.563	0.636	0.748	0.782	0.570	0.064	-0.398	-0.453	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	27/06/2017 - VPP 2017 1.00

FLOTATION (MEASUREMENT TRIM)	
Forward Freeboard at 0.325 m	1.586 m
Freeboard at mast at 5.515 m	1.352 m
Aft Freeboard at 13.147 m	1.197 m
Overhang Forward	0.590 m
Overhang Aft	1.230 m
Length Waterline	11.859m

HULL CHARACTERISTICS (MEASUREMENT TRIM)	
Length Overall	13.680m
Max. Beam	4.202m
Max. Beam Station	8.964 m
Draft	2.364m
Max. Draft Station	6.580 m
Moment Unit Trim	18.0 kg•m/m m
Displacement Unit Immersion	30.15 kg/m m
Block Coefficient	0.4195
Prismatic Coefficient	0.5562

HYDROSTATIC DATA		
	Trim	Sailing
Displacement	11,371kg	12,609kg
Wetted Area	41.31 m²	43.03 m²
Water Plane Area	29.02 m²	30.27 m²
Water Plane Beam	3.525 m	3.585 m
Longitud. Centre of Flotation	7.490 m	7.609 m
Longitud. Centre of Buoyancy	7.179 m	7.269 m
Vertical Centre of Gravity	-0.085 m	0.024 m
Max. Section Area	1.96 m²	2.08 m²
Max. Section Area Station	6.429 m	6.429 m

Sail Area Upwind	109.12 m²
Sail Plan Centre of Effort Height	8.910 m

Rating Office
 Australian Sailing Ltd
 Locked Bag 806
 Milsons Point
 NSW 1565

Owner
 Michael Mollison
 38 Kuranda Street
 Balmoral
 4171 QLD

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

Signature: