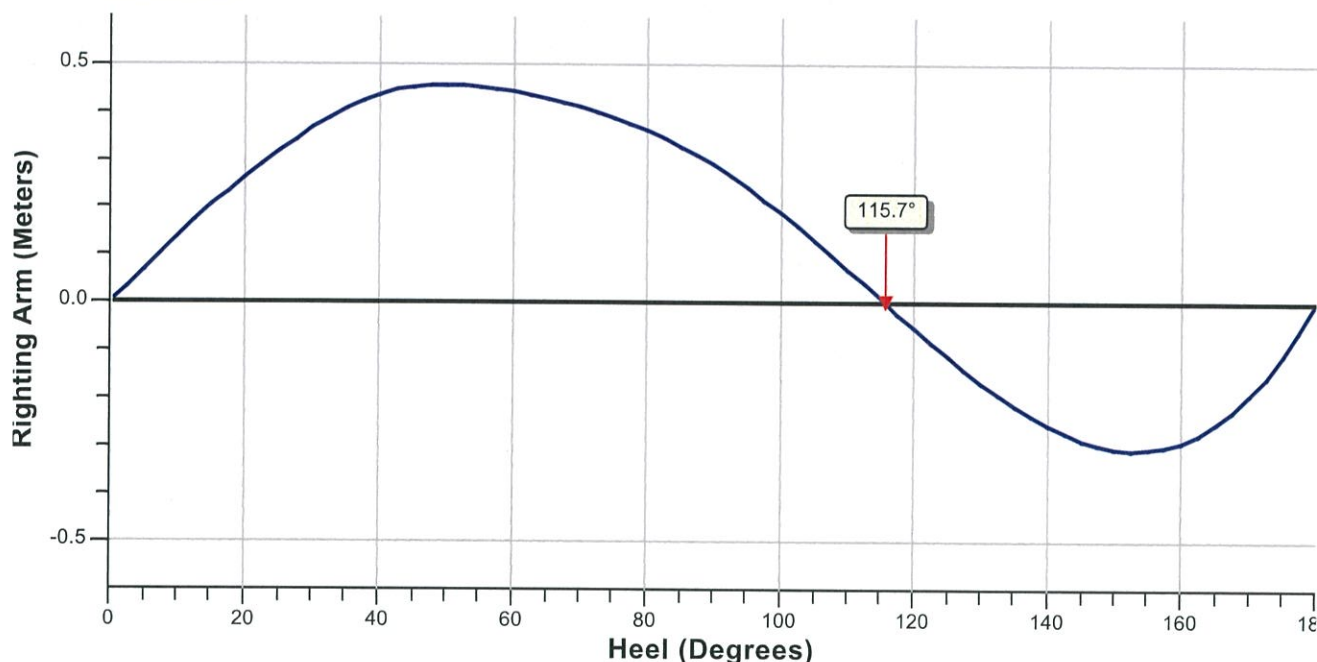


STABILITY AND HYDROSTATICS DATASHEET

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STABILITY CURVE

Righting Moment at 1° **141.3k** Stability Curve Positive Area **34.253** Stability Curve Ratio **2.6814** Stability Index **123.3**
Limit of positive stability **115.7°** Stability Curve Negative Area **12.774** BLR Index **0.0000**

		Righting Arm (meters)												
		±0°	±2°	±10°	±20°	±25°	±30°	±40°	±60°	±90°	±120°	±150°	±165°	±180°
Default Crew Weight	628kg	0.000	0.029	0.140	0.264	0.318	0.367	0.437	0.442	0.289	-0.052	-0.304	-0.253	0.000
Declared Crew Weight	628kg	0.000	0.029	0.140	0.264	0.318	0.367	0.437	0.442	0.289	-0.052	-0.304	-0.253	0.000
		0.000												

BOAT

Name **Galaxy III**
Sail Number **R261**
Class **S&S 39**
Designer **S&S**
Builder **Prestige Yachts**
Age Date **01/1983**
Measured **26/06/2019**
Measurer **Kellett**
Issued On **26/06/2019 - VPP 2019 1.01**

HULL CHARACTERISTICS (MEASUREMENT TRIM)

Length Overall **11.900m**
Max. Beam **3.594m** Max. Beam Station **6.960m**
Draft **2.221m** Max. Draft Station **6.960m**
Moment Unit Trim **8.4kg•m/mm**
Displacement Unit Immersion **19.74kg/mm**
Block Coefficient **0.3511** Prismatic Coefficient **0.5623**

HYDROSTATIC DATA

	Trim	Measurement	Sailing
Displacement		9,332kg	10,172kg
Wetted Area		29.59m²	30.63m²
Water Plane Area		19.02m²	19.68m²
Water Plane Beam		3.208m	3.271m
Longitud. Centre of Flotation		6.407m	6.457m
Longitud. Centre of Buoyancy		6.401m	6.460m
Vertical Centre of Gravity		-0.027m	0.044m
Max. Section Area		1.89m²	2.02m²
Max. Section Area Station		6.234m	6.234m

Sail Area Upwind **69.81m²**
Sail Plan Centre of Effort Height **6.748m**

Rating Office

Australian Sailing Ltd
Locked Bag 806
Milsons Point
NSW 1565

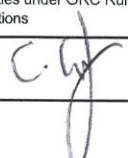


Owner

Chris Canty
PO Box 479
Milsons Point
NSW, 1565

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

Signature



FLOTATION (MEASUREMENT TRIM)

Forward Freeboard at 0.918m **1.125m**
Freeboard at mast at 4.835m **0.983m**
Aft Freeboard at 10.769m **0.925m**
Overhang Forward **1.402m**
Overhang Aft **0.829m**
Length Waterline **9.256m**

MOVABLE BALLAST

Arm Canting Keel Angle
Weight List Angle