



ASSOCIAÇÃO BRASILEIRA DE VELEIROS DE OCEANO

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Boat:		Stability	
Name:	KLIMAX	SSS Number:	17
Sail Number:	BRA2277	STIX:	N/A
Cert No	43554	AVS:	N/A
TCC:	1.163	ISO/IRC Design Category:	N/A
Crew No.:	13	WS Plan Review:	
	(1105 kg)		

General Details		Series Date: 2005	Hull Factor: 11.3
Design:	CARABELLI 45 2.74	Age Date: 2005	Rig Factor: 1.016
Type:	Bermudian Sloop		
Issue:	REVALIDATION		
Notes:	Weight & Overhangs IRC/ABVO (PJ) 27-01-2016 with 4 batteries		
Notes:	Rig measured IRC/ABVO (PJ) 27-01-2016 & Sails measured IRC/ABVO (HC) 26-01-2016 & 15-05-2017		

Hull	Overhangs	Rig & Mainsail	Headsail	Mizzen	Spinnaker
LH: 13.70	BO: 0.98	P: 18.00	HSA: 53.37	PY: 0.00	SPA: 194.08
LWP: 12.53	x: 0.05	E: 6.32	HLUmax 18.16	EY: 0.00	STL: 6.82
Hull Beam: 6.90	h: 0.04	J: 4.95	HLU*: 18.16	LLY: 0.00	SLU*: 21.8
Boat Weight: 7452	SO: 0.19	FL: 18.70	HLP*: 5.35	LPY: 0.00	SLE*: 18.13
DLR: 118	y: 0.18	MUW: 1.15	HHW*: 2.87		SFL*: 11.36
Draft: 2.74		MTW: 2.10	HTW*: 2.21		SHW*: 11.8
Bulb weight: 2397		MHW: 3.72	HUW*: 0.84		

* For information only

Detail	No Spinnaker TCC: 1.138
Low vcg iron+fairings+bulb keel	Multiple headsails permitted
No wing keel	Maximum number of spinnakers carried: 3
Inboard engine : Weight 217kg	Bowsprit only, NO poles
2 blade folding/feathering propeller	2 Spreader/Jumper (sets)
Internal ballast 0 kg	1 Aft Rigging (Sets)
Weight includes batteries/cushions	Carbon Mast
World Sailing OSR compliant lifelines fitted	Rod standing rigging
Manual power only for running rigging	HSA=0.0625*HLU*(4*HLP+6*HHW+3*HTW+2*HUW+0.09)
No variable/moveable ballast carried	SPA=((SLU+SLE)/2)*((SFL+(4*SHW))/5)*0.83
Mast foot/forestay not adjusted while racing	

Certificate issued by the IRC Rating Authority and VALID from 04 Mar 2020 15:39:29
Expires 31 Dec 2020 unless superseded or invalidated by IRC Rules and Regulations

I accept the dimensions shown on this certificate and agree to report all subsequent changes and any errors found at a later date to the issuing Authority

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