

Bay Area Multihull Association 2011 Rating Certificate



The BAMA Ratings Committee has no responsibility for the seaworthiness or safety of yachts rated, but cites US SAILING Fundamental Rule 4, "It shall be the sole responsibility of each yacht to decide whether or not to start or to continue to race."

PHRF **180** provisional

TCF 0.552 preliminary

May 19, 2011

Boat Name	Rainbow	Name	C. Shaw
Sail Number	KA 1	Street	
Boat Model	Crowther 10m (custom)	City, State, Zip	
Marina	Emeryville Cove	Evening Phone:	
Slip Number	C-77	Emergency #:	

Descriptions of terms used below for sails, hull measurement and sailing weight are on following pages. Where possible, please give measurements in metric or feet and decimals. Please provide accurate drawings or pictures showing side and end views of your boat from deck to bottom and attach to this application if a modified or custom boat.

Mainsail		Jib / Genoa 2006 Pineapple Sails largest		Screacher	
Area: 240ft ² imperial	240.0	22.30	Area: imperial	229.90	21 yes/no no
P (luff, S1 VLM)	37.04	11.29	Luff Length (S1)	40.68	12.40 Area:
E (foot, S2)	10.40	3.17	LPG (H1)	12.30	3.75 Scr.Luff1
MGH	n/a		Leach (S2)	35.86	10.93 LPG
MGT	n/a		Foot (S3)	14.11	4.30 Scr.Luff2 (leach)
MGU	n/a		Lu.roach (+/- P1)	-0.20	-0.06 Scr.MG
MGM	n/a		Le.roach (+/- P2)	-0.72	-0.22 Scr.Foot
MastCirc (if rotating)			Ft.roach (+/- P3)	0.25	0.08
Full Batten or Soft	Full		Mid-Girth		SMG as % SF 0%

Asymmetric Spin		Symmetric Spin (largest)		Other	
Area: imperial	664.00	61.69	Area:		MastheadSpin(yes/no) no
SLU (luff perimeter)	43.00	13.11	SL		MastheadScr.(yes/no) no
SLU (leech perimeter)	40.00	12.19	SSMG		Rigging (SS, synthetic) ss
SF (foot,perimeter)	24.00	7.32	SSF (foot,perimeter)		Holding Tank(s) no
SMG	18.00	5.49			
SMG as % SF	75%		SMG as % SF	0%	

US Sailing and/or ISAF ERS methods of sail measurement may apply above, not class rules. Maximum Sail Areas and Longest Luff Lengths from Class Rules will be assumed if not provided. Weight Sailing will be lightest boat in Class unless weighed.

Hull		Hull - Foils		Displacement (Load,cell metric or Mfg Displ)	
Length Overall 35'8":	35.67	10.87	Daggerboard (y/n)	yes	WM: boat sails, motor 5,024
Waterline 33'2"	33.17	10.11	Centerboard (y/n)	no	CG Safety, dry(gas,h2o)
Maximum Beam	22.50	6.86	Ctbd Fairing (y/n)		WE included
Maximum Draft 5'4"	5.33	1.63	Keel(s) (y/n)		Wt Sailing 5,024
FOC Fwd Overhang	0.03	0.01	Lifting Foils (y/n)	no	WCD Weight Crew auto.calc
AOC Aft Overhang	0.00	0.00			Declared
					Rated Weight 5,024

Engine(s)		Propeller (s)	
Inboard (hp x type)	2 x Yanmar 2GM20	1 x feather/fold	2 x feather/fold (0.970) 2 folding
Outboard (hp x type)	none	1 x fixed (blades)	2 x fixed (blades)

Notes/modifications Describe modifications / comments/ trapeze/#) or hiking straps below

Apr 29, 2011 Largest Jib Size Reduced from 238 sq.ft to 229 sq.ft 2010 Largest Jib 303 sq.ft
Feb 28, 2010 Spinnaker SLU 43 SLE 40 Ft 24 ASMG 18, 2x Yanmar 2GM20 diesels 125.kg 278.lb ea
WM = Crowther10m 5,024.kg 11,076.lb per Australia, mfg weight estimate 9,600.lb (+15.4 %)
LOA/RL declared 35'8", 10.87m = AUS Crowther10m, Hulls White, Deck Cream, Mast Silver

I certify that my vessel conforms to the configuration indicated above and understand that a BAMA ratings certificate will be issued based on this information, valid only for the indicated configuration.

Electronically			
Signature of Owner	Clifford Shaw	Date	4/29/2011

This Certificate Expires December 31, 2011.

Authorized Signature

Jon Green
2011 Ratings Chair
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