

# 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 **39** provisional

TCF 0.857 preliminary

March 18, 2011

Boat Name	<b>Hapa Girl</b>	Name	<b>G. Mitchell</b>
Sail Number	<b>38053</b>	Street	
Boat Model	<b>Contour 34 RS</b>	City, State, Zip	<b>Burlingame, CA</b>
Manufacturer	<b>Contour</b>	Email Address:	
Year Built	<b>1999</b>	Day Phone:	
Marina	<b>Oyster Point</b>	Evening Phone:	
Slip Number	<b>Dock 12, slips 16&amp;18</b>	Emergency #:	

<b>Mainsail</b> 2010 Mauri Pro		<b>Jib / Genoa</b> (largest) 20xx Ullman		<b>Screacher</b> 20XX Ullman (calc as genoa)	
<b>Area:</b>	461.01	<b>Area:</b>	218.00	<b>Area:</b>	459.38
P (luff)	44.16	Luff Length	40.00	Scr.Luff1	43.75
E (foot)	14.17	LPG	13.50	LPG	21.00
MGH	3.47	Leach	38.75	Scr.Luff2 (leach)	40.50
MGT	4.75	Foot	13.75	Scr.MG	10.75
MGU	8.66	LuffL.roach + or -	0.00	Scr.Foot	22.75
MGM	11.90	Le.roach + or -	0.00		
MastCirc	24"	Ft.roach + or -	0.50		
Full Batten or Soft	Full	Mid-Girth	6.25	Sc.SMG as % Sc.SF	47%

<b>Asymmetric Spin</b> 20xx UK		<b>Symmetric Spin</b> (largest)		<b>Displacement</b> (Load,cell metric or Mfg Displ)	
yes/no	yes	<b>Area:</b>	1049.06	Wt Boat sails, motor	6,349
<b>Area:</b>	799.77	SL	45.67	CG Safety, dry(gas,h2o)	
SLU (luff perimeter)	46.13	SSMG	27.83	WE	
SLU (leech perimeter)	42.13	SSF (foot,perimeter)	26.50	Weight Sailing	6,349
SMG	20.75			WCD Weight Crew	
SF (foot,perimeter)	22.00	SMG as % SF	105%	Declared	
SMG as % SF	94%			Rated Weight,Estimate	6,349

<b>Hull</b>		<b>Hull - Foils</b>		<b>Other</b>	
Length Overall:	34.00	Daggerboard (y/n)	y	MastheadSpin(yes/no)	n
Waterline length	23.20	Centerboard (y/n)	n	MastheadScr.(yes/no)	n
Maximum Beam	24.00	Ctbd Fairing (y/n)	n	Sprit Length	6.75
Maximum Draft	5.00	Keel(s) (y/n)	n	Rigging (SS, synthetic)	ss
FOC Fwd Overhang					
AOC Aft Overhang		Lifting Foils (y/n)	n	Holding Tank(s)	6

<b>Engine(s)</b>		<b>Propeller (s)</b>	
Inboard (hp x type)		1 x feather/fold	2 x feather/fold
Outboard (hp x type)	20hp Honda	1 x fixed (blades)	2 x fixed (blades)

**Modifications** Describe modifications / comments/ trapeze(#) or hiking straps below

2011.Mar PHRF 39 TCF 0.830/prelim WM.est 6,349.lb (+3.1%) Sym.Spin 1,049 ft (+3.1%)  
 2011.Jan PHRF 39 TCF 0.830/prelim WM.est 5,675.lb (17%), 2010 TCF 0.834/prelim: New cassette style balanced rudder will arrive at the new year. Same plan area as current rudder, more area projected in front of pivot for reduced weather helm. Final weight unknown, but may save ~5 pounds of weight compared to existing glass/foam rudder and stainless cassette. New rudder is wood/carbon with wood/carbon cassette.

**This Certificate Expires June 31, 2011**

Authorized Signature

Jon Green  
 2011 Ratings Chair  
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