

IMHRR 2018

28 Mar 2018

Boat Name	Boat design	Sail Number
MOEMENTUM	Gunboat 60	6008

Hull measurements					
DSPW	DSPWD	LOA	FOH	FF	AOH
0	15500	18.283	0	1	0
AF	OSB	TP	V	TH	
0	6.52	2 Folding	0.695	Catamaran	

Daggerboards and foils			
TB	Symmetric		
BV1	BV2	BV3	BV4
2.71	2.71	0	0
BH1	BH2	BH3	BH4
0	0	0	0
BC1	BC2	BC3	BC4
0.78	0.78	0	0

Mast properties	
TPC	
Rotating	
PC	PCY
1.34	0

Mainsail measurements			
PU	PL (+/-)	E	MHB
25.45	0	8.1	3.51
MUW	MTW	MHW	MQW
0	4.58	6.04	7.09

Mizzen measurements			
PUY	PLY (+/-)	EY	MHBY
0	0	0	0
MUWY	MTWY	MHWY	MQWY
0	0	0	0

Headsail measurements		
IG	J	HLU
21.93	5.67	22.65
HHB	HUW	HTW
0.08	0.7	1.33
HMW	HQW	HLP
2.64	3.96	5.22

Spinnaker	
SLU	SLE
28.9	26.9
SFL	SHW
18.25	16.65

Screacher			
CLU	CLE	CFL	CHW
26.19	22.98	9.09	5.45

Board & foil calcs	
BVA	BF
4.228	0.903
VF	BHA
0.994	0.000

Mizzen calcs.	
MAY	RMAV
0.000	0.000

Stable wind speed	
WR	WS
52535.9	18.973

Hull calculations		
RD	DC	TPF
16115.297	615.297	0.975
RL	CCH	CCS
18.283	0.957	0.960
CCC	CCSC	VA
0.958	0.961	0.943

Mast calculations		
P	PY	
25.450	0.000	
PA	PAY	
17.052	0.000	

Headsail calcs	
HA	HER
59.022	2.166
HEF	RHA
0.908	53.586

Speed prediction	
VVH	VVS
14.256	15.317
VVC	VVSC
14.578	15.549

Spinnaker calculations		
SA	RSA	SMG%
394.553	36.299	0.912

Mainsail calcs.	
MA	MER
136.746	2.084
MEF	RMA
0.835	131.253

Rated sail areas	
RSAH	RSAS
184.839	221.138
RSAC	RSASC
195.426	229.607

Lift factor	
LH	LFH
0.000	1.000
LS	LFS
0.000	1.000
LC	LFC
0.000	1.000
LSC	LFSC
0.000	1.000

For details of the abbreviations, please visit <http://www.imhrr.com/imhrr-details.php>

Standard IMHRR Rating			
Headsail TCF-H	Spinnaker TCF-S	Screacher TCF-C	Spi & Scr TCF-SC
1.126	1.214	1.153	1.234

Light IMHRR Rating <12kts			
Headsail TCFL-H	Spinnaker TCFL-S	Screacher TCFL-C	Spi & Scr TCFL-SC
0.987	1.064	1.010	1.081