

# IMHRR 2018

20 Apr 2018

Boat Name	Boat design	Sail Number
THIRST	Gunboat 55	0

Hull measurements					
DSPW	DSPWD	LOA	FOH	FF	AOH
0	12500	17.29	0	1	0
AF	OSB	TP	V	TH	
1	6	2 Folding	0.61	Catamaran	

Daggerboards and foils			
TB	Symmetric		
BV1	BV2	BV3	BV4
2.527	2.527	0	0
BH1	BH2	BH3	BH4
0	0	0	0
BC1	BC2	BC3	BC4
0.673	0.673	0	0

Mast properties	
TPC	
Fixed	
PC	PCY
0	0

Mainsail measurements			
PU	PL (+/-)	E	MHB
21.98	0	7.1	2.75
MUW	MTW	MHW	MQW
3.46	4.18	5.51	6.38

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

Headsail measurements		
IG	J	HLU
0	0	18.05
HHB	HUW	HTW
0.15	0.7	1.25
HMW	HQW	HLP
2.22	3.18	4.12

Spinnaker	
SLU	SLE
26.37	22.57
SFL	SHW
13.44	12.73

Screacher			
CLU	CLE	CFL	CHW
22.19	20.65	6.67	3.12

Board & foil calcs	
BVA	BF
3.401	1.003
VF	BHA
1.000	0.000

Mizzen calcs.	
MAY	RMA
0.000	0.000

Stable wind speed	
WR	WS
39259.5	15.217

Hull calculations		
RD	DC	TPF
13086.514	586.514	0.975
RL	CCH	CCS
17.290	0.955	0.957
CCC	CCSC	VA
0.961	0.962	0.940

Mast calculations	
P	PY
21.980	0.000
PA	PAY
0.000	0.000

Headsail calcs	
HA	HER
38.843	2.288
HEF	RHA
0.923	35.850

Speed prediction	
VVH	VVS
11.036	11.744
VVC	VVSC
12.645	12.953

Spinnaker calculations		
SA	RSA	SMG%
262.482	22.680	0.947

Mainsail calcs.	
MA	MER
115.354	2.288
MEF	RMA
0.859	99.074

Rated sail areas	
RSAH	RSAS
134.925	157.605
RSAC	RSASC
189.617	201.359

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
<b>1.032</b>	<b>1.101</b>	<b>1.191</b>	<b>1.221</b>

Light IMHRR Rating <12kts			
Headsail TCFL-H	Spinnaker TCFL-S	Screacher TCFL-C	Spi & Scr TCFL-SC
<b>0.919</b>	<b>0.981</b>	<b>1.060</b>	<b>1.087</b>