

IMHRR 2020

01 Jan 2020

Boat Name	Boat design	Sail Number
R-SIX	HH 66	6601

Hull measurements			
DSPW	DSPWD	LOA	FOH
19950	0	20.161	0
FF	AOH	AF	OSB
1	0	1	6.46
TP	V	TH	
2 Folding	0.752	Catamaran	

Mast properties	
TPC	
Fixed	
PC	PCY
0	0

Mainsail measurements			
PU	PL (+/-)	E	MHB
23.985	-0.475	9.05	2.7
MUW	MTW	MHW	MQW
3.26	4.48	6.24	7.65

Daggerboard and foil measurements			
TB	C-Foil		
BV1	BV2	BV3	BV4
3.469	3.469	0	0
BH1	BH2	BH3	BH4
1.405	1.405	0	0
BC1	BC2	BC3	BC4
0.77	0.77	0	0

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

Spinnaker	
SLU	SLE
25.98	22.8
SFL	SHW
15.7	14.3

Headsail measurements		
IG	J	HLU
21.88	6.23	22.8
HHB	HUW	HTW
0.05	1.02	1.95
HMW	HQW	HLP
3.8	5.63	7.38

Screacher	
CLU	CLE
0	0
CFL	CHW
0	0

Hull calculations			
RD	DC	TPF	RL
20618.82	668.815	0.990	20.161
CCH	CCS	CCC	CCSC
0.953	0.954	0.955	0.956

Mainsail calculations			
MA	MER	MEF	RMA
143.680	1.754	0.793	113.946

Rated sail areas	
RSAH	RSAS
183.589	202.105
RSAC	RSASC
205.180	219.378

Daggerboard & foil calculations				
VA	BVA	BF	VF	BHA
0.942	5.342	1.063	1.026	2.164

Headsail calcs	
HA	HER
84.720	1.556
HEF	RHA
0.822	69.643

Stable wind speed		
WR	WH	WS
66598.77	598.21	20.510

Lift factor	
LH	LS
831.556	902.785
LC	LSC
914.548	968.615
LFH	LFS
1.010	1.011
LFC	LFSC
1.011	1.012

Mast calculations	
P	PY
23.510	0.000
PA	PAY
0.000	0.000

Spinnaker calculations		
SA	RSA	SMG%
296.339	18.516	0.911

Speed prediction	
VVH	VVS
14.267	14.865
VVC	VVSC
14.962	15.398

Mizzen calcs.	
MAY	RMAY
0.000	0.000

Screacher calculations		
CA	RCA	CMG%
174.220	21.591	0.525

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
1.146	1.194	1.202	1.237

Light Wind IMHRR Rating <12kts			
Headsail TCFL-H	Spinnaker TCFL-S	Screacher TCFL-C	Spi & Scr TCFL-SC
0.976	1.016	1.022	1.051