

# IMHRR 2018

6 Apr 2018

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

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

Daggerboards and foils			
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

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

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

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

Spinnaker	
SLU	SLE
25.98	22.8
SFL	SHW
15.7	14.3

Screacher			
CLU	CLE	CFL	CHW
25.4	21	14.537	7.63

Board & foil calcs	
BVA	BF
5.342	1.063
VF	BHA
1.026	2.164

Mizzen calcs.	
MAY	RMA
0.000	0.000

Stable wind speed	
WR	WS
66598.8	20.323

Hull calculations		
RD	DC	TPF
20618.815	668.815	0.975
RL	CCH	CCS
20.161	0.953	0.954
CCC	CCSC	VA
0.955	0.956	0.942

Mast calculations		
P	PY	
23.510	0.000	
PA	PAY	
0.000	0.000	

Headsail calcs	
HA	HER
84.720	1.556
HEF	RHA
0.822	69.643

Speed prediction	
VVH	VVS
14.495	15.063
VVC	VVSC
15.154	15.565

Spinnaker calculations		
SA	RSA	SMG%
296.339	18.516	0.911

Mainsail calcs.	
MA	MER
143.680	1.754
MEF	RMA
0.793	113.946

Rated sail areas	
RSAH	RSAS
183.589	202.105
RSAC	RSASC
205.180	219.378

Lift factor	
LH	LFH
858.304	1.011
LS	LFS
926.882	1.012
LC	LFC
938.149	1.012
LSC	LFSC
989.731	1.012

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>1.129</b>	<b>1.176</b>	<b>1.184</b>	<b>1.218</b>

Light IMHRR Rating <12kts			
Headsail TCFL-H	Spinnaker TCFL-S	Screacher TCFL-C	Spi & Scr TCFL-SC
<b>0.961</b>	<b>1.000</b>	<b>1.007</b>	<b>1.035</b>