

IMHRR 2018

21 Apr 2018

Boat Name	Boat design	Sail Number
SPELLBOUND	R&C Leopard 45	0

Hull measurements					
DSPW	DSPWD	LOA	FOH	FF	AOH
0	9890	13.57	0.4	1.55	0
AF	OSB	TP	V	TH	
1	5.5	2 Folding	1.12	Catamaran	

Daggerboards and foils			
TB	None		
BV1	BV2	BV3	BV4
0	0	0	0
BH1	BH2	BH3	BH4
0	0	0	0
BC1	BC2	BC3	BC4
0	0	0	0

Mast properties	
TPC	
Fixed	
PC	PCY
0	0

Mainsail measurements			
PU	PL (+/-)	E	MHB
17	0.8	6.7	2.2
MUW	MTW	MHW	MQW
2.5	3.72	5.17	6.05

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

Headsail measurements		
IG	J	HLU
17.15	4.92	16.88
HHB	HUW	HTW
0.05	0.76	1.6
HMW	HQW	HLP
3.34	4.94	6.47

Spinnaker	
SLU	SLE
17.2	15.35
SFL	SHW
10.65	10.6

Screacher			
CLU	CLE	CFL	CHW
0	0	0	0

Hull calculations		
RD	DC	TPF
10355.015	465.015	0.975
RL	CCH	CCS
13.240	0.954	0.955
CCC	CCSC	VA
0.954	0.955	0.971

Board & foil calcs	
BVA	BF
0.000	0.600
VF	BHA
0.971	0.000

Mizzen calcs.	
MAY	RMA
0.000	0.000

Stable wind speed	
WR	WS
28476.3	21.799

Spinnaker calculations		
SA	RSA	SMG%
143.898	4.630	0.995

Mast calculations	
P	PY
17.800	0.000
PA	PAY
0.000	0.000

Headsail calcs	
HA	HER
54.452	1.301
HEF	RHA
0.779	42.424

Speed prediction	
VVH	VVS
12.979	13.197
VVC	VVSC
12.979	13.197

Screacher calculations		
CA	RCA	CMG%
0.000	0.000	0.500

Mainsail calcs.	
MA	MER
82.582	1.840
MEF	RMA
0.804	66.433

Rated sail areas	
RSAH	RSAS
108.856	113.487
RSAC	RSASC
108.856	113.487

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
0.900	0.916	X	X

Light IMHRR Rating <12kts			
Headsail TCFL-H	Spinnaker TCFL-S	Screacher TCFL-C	Spi & Scr TCFL-SC
0.815	0.829	X	X