

# IMHRR 2018

9 Apr 2018

Boat Name	Boat design	Sail Number
SQUID (small headsail)	TS 42	BEL606

Hull measurements					
DSPW	DSPWD	LOA	FOH	FF	AOH
0	5835	13.72	0	0	0
AF	OSB	TP	V	TH	
0	5.41	2 Folding	0.54	Catamaran	

Daggerboards and foils			
TB	Symmetric		
BV1	BV2	BV3	BV4
1.744	1.744	0	0
BH1	BH2	BH3	BH4
0.354	0.354	0	0
BC1	BC2	BC3	BC4
0.585	0.585	0	0

Mast properties	
TPC	
Rotating	
PC	PCY
0.83	0

Mainsail measurements				
PU	PL (+/-)	E	MHB	
15.75	1.1	5.4	2.21	
MUW	MTW	MHW	MQW	
2.54	3.39	4.29	4.92	

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

Headsail measurements		
IG	J	HLU
15.61	5.34	16
HHB	HUW	HTW
0.08	0.65	1.231
HMW	HQW	HLP
2.38	3.52	4.46

Spinnaker	
SLU	SLE
17.4	14.9
SFL	SHW
10.18	8.51

Screacher			
CLU	CLE	CFL	CHW
17.19	15.65	11.89	5.97

Board & foil calcs	
BVA	BF
2.040	0.847
VF	BHA
0.990	0.414

Mizzen calcs.	
MAY	RMAV
0.000	0.000

Stable wind speed	
WR	WS
17081.5	18.958

Hull calculations		
RD	DC	TPF
6314.802	479.802	0.975
RL	CCH	CCS
13.720	0.960	0.962
CCC	CCSC	VA
0.963	0.964	0.944

Mast calculations	
P	PY
16.850	0.000
PA	PAY
6.993	0.000

Headsail calcs	
HA	HER
36.883	1.854
HEF	RHA
0.867	31.960

Speed prediction	
VVH	VVS
12.660	13.067
VVC	VVSC
13.448	13.675

Spinnaker calculations		
SA	RSA	SMG%
119.026	7.807	0.836

Mainsail calcs.	
MA	MER
65.588	2.249
MEF	RMA
0.854	63.035

Rated sail areas	
RSAH	RSAS
94.995	102.802
RSAC	RSASC
110.471	115.183

Lift factor	
LH	LFH
125.346	1.005
LS	LFS
133.521	1.005
LC	LFC
141.432	1.006
LSC	LFSC
146.237	1.006

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>1.005</b>	<b>1.039</b>	<b>1.071</b>	<b>1.091</b>

Light IMHRR Rating <12kts			
Headsail TCFL-H	Spinnaker TCFL-S	Screacher TCFL-C	Spi & Scr TCFL-SC
<b>0.940</b>	<b>0.972</b>	<b>1.002</b>	<b>1.020</b>