

IMHRR 2018

23 Feb 2018

Boat Name	Boat design	Sail Number
BELLE	Lagoon 450 S	0

Hull measurements					
DSPW	DSPWD	LOA	FOH	FF	AOH
0	15500	13.925	0.27	2.02	0
AF	OSB	TP	V	TH	
1	5.36	2 Fixed	1.305	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
17.76	0	6.68	0
MUW	MTW	MHW	MQW
0	0	0	0

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

Headsail measurements		
IG	J	HLU
18.48	4.37	16.98
HHB	HUW	HTW
0	0	0
HMW	HQW	HLP
0	0	6.2

Spinnaker	
SLU	SLE
0	0
SFL	SHW
0	0

Screacher			
CLU	CLE	CFL	CHW
0	0	0	0

Hull calculations		
DC	RD	TPF
15978.949	478.949	0.964
RL	CCH	CCS
13.692	0.948	1.000
CCC	CCSC	VA
1.000	1.000	0.975

Board & foil calcs	
BVA	BF
0.000	0.000
VF	BHA
0.975	0.000

Mizzen calcs.	
MAY	RMA
0.000	0.000

Stable wind speed	
WR	WS
42823.6	27.813

Mast calculations	
P	PY
17.760	0.000
PA	PAY
0.000	0.000

Headsail calcs	
HA	HER
57.902	1.506
HEF	RHA
0.814	47.141

Speed prediction	
VVH	VVS
14.236	14.236
VVC	VVSC
14.236	14.236

Spinnaker calculations		
SA	RSA	SMG%
0.000	0.000	0.000

Mainsail calcs.	
MA	MER
80.080	1.795
MEF	RMA
0.798	63.942

Rated sail areas	
RSAH	RSAS
111.083	111.083
RSAC	RSASC
111.083	111.083

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

Screacher calculations		
CA	RCA	CMG%
0.000	0.000	0.000

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
0.811	X	X	X

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