

IMHRR 2018

5 Mar 2018

Boat Name	Boat design	Sail Number
CYFLOTIN	AB Marine Eclipse 472	ECLIPSE 472

Hull measurements					
DSPW	DSPWD	LOA	FOH	FF	AOH
0	7000	14.37	0	0	0
AF	OSB	TP	V	TH	
0	5.56	1 Fixed	1.25	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
16.57	0	6.54	2.66
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
17.34	0	17
HHB	HUW	HTW
0	0	0
HMW	HQW	HLP
0	0	5.9

Spinnaker	
SLU	SLE
19.004	17.833
SFL	SHW
10.319	9.186

Screacher			
CLU	CLE	CFL	CHW
17.2	14.6	8.6	5.33

Hull calculations		
RD	DC	TPF
7499.647	499.647	0.970
RL	CCH	CCS
14.370	0.962	0.963
CCC	CCSC	VA
0.962	0.963	0.972

Board & foil calcs	
BVA	BF
0.000	0.600
VF	BHA
0.972	0.000

Mizzen calcs.	
MAY	RMA
0.000	0.000

Stable wind speed	
WR	WS
20849.0	17.106

Mast calculations	
P	PY
16.570	0.000
PA	PAY
0.000	0.000

Headsail calcs	
HA	HER
55.165	1.585
HEF	RHA
0.827	45.602

Speed prediction	
VVH	VVS
12.426	12.676
VVC	VVSC
12.624	12.830

Spinnaker calculations		
SA	RSA	SMG%
144.472	6.022	0.890

Mainsail calcs.	
MA	MER
87.473	2.045
MEF	RMA
0.830	72.638

Rated sail areas	
RSAH	RSAS
118.240	124.262
RSAC	RSASC
122.997	128.068

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
1.037	1.059	1.054	1.072

Light IMHRR Rating <12kts			
Headsail TCFL-H	Spinnaker TCFL-S	Screacher TCFL-C	Spi & Scr TCFL-SC
0.962	0.983	0.978	0.995