

IMHRR 2020

01 Jan 2020

Boat Name	Boat design	Sail Number
LE TRI	Montaubin	None

Hull measurements			
DSPW	DSPWD	LOA	FOH
4144	0	12.84	0.47
FF	AOH	AF	OSB
1.23	0	0	7.83
TP	V	TH	
1 Folding	0.6	Trimaran	

Mast properties	
TPC	
Fixed	
PC	PCY
0	0

Mainsail measurements			
PU	PL (+/-)	E	MHB
13.55	0	4.8	0
MUW	MTW	MHW	MQW
0	0	0	0

Daggerboard and foil measurements			
TB	Asymmetric		
BV1	BV2	BV3	BV4
0.765	0.765	0	0
BH1	BH2	BH3	BH4
0	0	0	0
BC1	BC2	BC3	BC4
0.57	0.57	0	0

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

Spinnaker	
SLU	SLE
15.71	14.22
SFL	SHW
9.449	7.737

Headsail measurements		
IG	J	HLU
12.64	5.07	13.08
HHB	HUW	HTW
0.08	0.718	1.356
HMW	HQW	HLP
2.725	4.14	4.931

Screacher	
CLU	CLE
0	0
CFL	CHW
0	0

Hull calculations			
RD	DC	TPF	RL
4584.98	440.983	0.995	12.468
CCH	CCS	CCC	CCSC
1.000	1.000	1.000	1.000

Mainsail calculations			
MA	MER	MEF	RMA
42.276	1.835	0.804	33.982

Rated sail areas	
RSAH	RSAS
61.392	68.234
RSAC	RSASC
66.918	72.654

Daggerboard & foil calculations				
VA	BVA	BF	VF	BHA
0.951	0.872	0.600	1.002	0.000

Headsail calcs	
HA	HER
34.328	1.412
HEF	RHA
0.798	27.410

Stable wind speed		
WR	WH	WS
17950.21	96.29	26.540

Lift factor	
LH	LS
0.000	0.000
LC	LSC
0.000	0.000
LFH	LFS
1.000	1.000
LFC	LFSC
1.000	1.000

Mast calculations	
P	PY
13.550	0.000
PA	PAY
0.000	0.000

Spinnaker calculations		
SA	RSA	SMG%
100.757	6.841	0.819

Mizzen calcs.	
MAY	RMAY
0.000	0.000

Screacher calculations		
CA	RCA	CMG%
55.713	5.526	0.519

Speed prediction	
VVH	VVS
14.359	14.979
VVC	VVSC
14.863	15.360

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
0.950	0.992	0.984	1.017

Light Wind IMHRR Rating <12kts			
Headsail TCFL-H	Spinnaker TCFL-S	Screacher TCFL-C	Spi & Scr TCFL-SC
0.915	0.955	0.948	0.979