

IMHRR 2020

01 Jan 2020

Boat Name	Boat design	Sail Number
L'AVOCET 50	Mathieur FERO/ Multi 50	F14

Hull measurements			
DSPW	DSPWD	LOA	FOH
0	5700	15.24	0
FF	AOH	AF	OSB
0	0	0	9.36
TP	V	TH	
2 Folding	0.35	Catamaran	

Mast properties	
TPC	
Rotating	
PC	PCY
1.11	0

Mainsail measurements			
PU	PL (+/-)	E	MHB
21	0	6.7	2.74
MUW	MTW	MHW	MQW
0	0	0	0

Daggerboard and foil measurements			
TB	Symmetric		
BV1	BV2	BV3	BV4
2.45	2.45	0	0
BH1	BH2	BH3	BH4
0	0	0	0
BC1	BC2	BC3	BC4
0.65	0.65	0	0

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

Spinnaker	
SLU	SLE
0	0
SFL	SHW
0	0

Headsail measurements		
IG	J	HLU
18.06	5.15	18.724
HHB	HUW	HTW
0	0	0
HMW	HQW	HLP
0	0	6.164

Screacher	
CLU	CLE
0	0
CFL	CHW
0	0

Hull calculations			
RD	DC	TPF	RL
6225.904	525.904	0.990	15.240
CCH	CCS	CCC	CCSC
0.971	0.971	0.973	0.973

Mainsail calculations			
MA	MER	MEF	RMA
113.316	2.524	0.885	100.232

Rated sail areas	
RSAH	RSAS
153.544	153.544
RSAC	RSASC
164.846	164.846

Daggerboard & foil calculations				
VA	BVA	BF	VF	BHA
0.925	3.185	0.819	1.008	0.000

Headsail calcs	
HA	HER
63.478	1.671
HEF	RHA
0.840	53.312

Stable wind speed		
WR	WH	WS
29137.23	429.76	16.006

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
21.324	0.000
PA	PAY
0.000	0.000

Spinnaker calculations		
SA	RSA	SMG%
0.000	0.000	75.000

Mizzen calcs.	
MAY	RMAY
0.000	0.000

Screacher calculations		
CA	RCA	CMG%
107.575	11.301	50.626

Speed prediction	
VVH	VVS
13.566	13.566
VVC	VVSC
13.982	13.982

For details of the abbreviations, please visit <https://www.imhrr.com/abbreviations.php>

Standard IMHRR Rating			
Headsail	Spinnaker	Screacher	Spi & Scr
TCF-H	TCF-S	TCF-C	TCF-SC
1.312	X	1.352	X

Light Wind IMHRR Rating <12kts			
Headsail	Spinnaker	Screacher	Spi & Scr
TCFL-H	TCFL-S	TCFL-C	TCFL-SC
1.235	X	1.273	X