

# IMHRR 2018

9 Apr 2018

Boat Name	Boat design	Sail Number
FRENCH TECH RENNES SAINT MALO	Marsaudon composites / Multi50	35

Hull measurements					
DSPW	DSPWD	LOA	FOH	FF	AOH
0	3500	15.24	0	0	0
AF	OSB	TP	V	TH	
0	13.75	1 Folding	0.695	Trimaran	

Daggerboards and foils			
TB	Asymmetric		
BV1	BV2	BV3	BV4
2.99	2.99	0	0
BH1	BH2	BH3	BH4
0	0	0	0
BC1	BC2	BC3	BC4
0.6	0.6	0	0

Mast properties	
TPC	
Rotating	
PC	PCY
1.085	0

Mainsail measurements				
PU	PL (+/-)	E	MHB	
20.83	0.47	6.603	2.45	
MUW	MTW	MHW	MQW	
2.85	3.83	5.4	6.15	

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

Headsail measurements		
IG	J	HLU
18.84	6	19.78
HHB	HUW	HTW
0.05	0.8	1.54
HMW	HQW	HLP
2.83	4.2	7.58

Spinnaker	
SLU	SLE
0	0
SFL	SHW
0	0

Screacher			
CLU	CLE	CFL	CHW
22.87	21.23	13.34	7.69

Hull calculations		
RD	DC	TPF
4025.904	525.904	0.980
RL	CCH	CCS
15.240	1.000	1.000
CCC	CCSC	VA
1.000	1.000	0.949

Board & foil calcs	
BVA	BF
3.588	0.921
VF	BHA
1.018	0.000

Mizzen calcs.	
MAY	RMA
0.000	0.000

Stable wind speed	
WR	WS
27678.1	15.528

Mast calculations	
P	PY
21.300	0.000
PA	PAY
11.555	0.000

Headsail calcs	
HA	HER
61.813	1.076
HEF	RHA
0.736	45.492

Speed prediction	
VVH	VVS
14.997	14.997
VVC	VVSC
15.856	15.856

Spinnaker calculations		
SA	RSA	SMG%
0.000	0.000	0.750

Mainsail calcs.	
MA	MER
103.678	2.378
MEF	RMA
0.869	101.634

Rated sail areas	
RSAH	RSAS
147.127	147.127
RSAC	RSASC
169.126	169.126

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
1.480	X	1.565	X

Light IMHRR Rating <12kts			
Headsail TCFL-H	Spinnaker TCFL-S	Screacher TCFL-C	Spi & Scr TCFL-SC
1.440	X	1.522	X