

# IMHRR 2018

28 Mar 2018

Boat Name	Boat design	Sail Number
GUYADER GASTRONOMIE	TS 42	None

Hull measurements					
DSPW	DSPWD	LOA	FOH	FF	AOH
0	5835	13.72	0	0	0
AF	OSB	TP	V	TH	
0	5.41	2 Folding	0.54	Catamaran	

Daggerboards and foils			
TB	Asymmetric		
BV1	BV2	BV3	BV4
2.067	2.067	0	0
BH1	BH2	BH3	BH4
0.418	0.418	0	0
BC1	BC2	BC3	BC4
0.585	0.585	0	0

Mast properties	
TPC	
Rotating	
PC	PCY
0.83	0

Mainsail measurements				
PU	PL (+/-)	E	MHB	
15.59	1.1	5.4	2	
MUW	MTW	MHW	MQW	
2.4	3.25	4.23	4.9	

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

Headsail measurements		
IG	J	HLU
15.4	5.34	16
HHB	HUW	HTW
0.05	0.68	1.37
HMW	HQW	HLP
2.74	4.23	5.86

Spinnaker	
SLU	SLE
20.53	17.88
SFL	SHW
10.88	10.47

Screacher			
CLU	CLE	CFL	CHW
16.99	13.85	9.62	4.84

Hull calculations		
RD	DC	TPF
6314.802	479.802	0.975
RL	CCH	CCS
13.720	0.960	0.963
CCC	CCSC	VA
0.962	0.964	0.944

Board & foil calcs	
BVA	BF
2.418	0.954
VF	BHA
1.019	0.489

Mizzen calcs.	
MAY	RMay
0.000	0.000

Stable wind speed	
WR	WS
17081.5	18.631

Mast calculations	
P	PY
16.690	0.000
PA	PAY
6.926	0.000

Headsail calcs	
HA	HER
44.681	1.301
HEF	RHA
0.779	34.814

Speed prediction	
VVH	VVS
12.530	13.073
VVC	VVSC
12.968	13.404

Spinnaker calculations		
SA	RSA	SMG%
168.876	10.696	0.962

Mainsail calcs.	
MA	MER
63.654	2.183
MEF	RMA
0.847	60.830

Rated sail areas	
RSAH	RSAS
95.644	106.339
RSAC	RSASC
104.227	113.206

Lift factor	
LH	LFH
144.980	1.006
LS	LFS
157.811	1.006
LC	LFC
155.298	1.006
LSC	LFSC
165.912	1.007

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
<b>1.038</b>	<b>1.086</b>	<b>1.077</b>	<b>1.116</b>

Light IMHRR Rating <12kts			
Headsail TCFL-H	Spinnaker TCFL-S	Screacher TCFL-C	Spi & Scr TCFL-SC
<b>0.971</b>	<b>1.015</b>	<b>1.006</b>	<b>1.042</b>