

# IMHRR 2020

01 Jan 2020

Boat Name	Boat design	Sail Number
GUYADER GASTRONOMIE	TS 42	888

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

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

Daggerboard and foil measurements			
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

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

Spinnaker	
SLU	SLE
20.53	17.88
SFL	SHW
10.88	10.47

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

Screacher	
CLU	CLE
0	0
CFL	CHW
0	0

Hull calculations			
RD	DC	TPF	RL
6314.80	479.802	0.990	13.720
CCH	CCS	CCC	CCSC
0.960	0.963	0.962	0.964

Mainsail calculations			
MA	MER	MEF	RMA
63.654	2.183	0.847	60.830

Rated sail areas	
RSAH	RSAS
95.644	106.339
RSAC	RSASC
104.227	113.206

Daggerboard & foil calculations				
VA	BVA	BF	VF	BHA
0.944	2.418	0.954	1.019	0.489

Headsail calcs	
HA	HER
44.681	1.301
HEF	RHA
0.779	34.814

Stable wind speed		
WR	WH	WS
17081.54	181.50	18.858

Lift factor	
LH	LS
140.254	153.527
LC	LSC
150.918	161.967
LFH	LFS
1.006	1.006
LFC	LFSC
1.006	1.007

Mast calculations	
P	PY
16.690	0.000
PA	PAY
6.926	0.000

Spinnaker calculations		
SA	RSA	SMG%
168.876	10.696	0.962

Speed prediction	
VVH	VVS
12.324	12.894
VVC	VVSC
12.784	13.244

Mizzen calcs.	
MAY	RMAY
0.000	0.000

Screacher calculations		
CA	RCA	CMG%
74.479	8.583	0.503

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>1.054</b>	<b>1.103</b>	<b>1.093</b>	<b>1.133</b>

Light Wind IMHRR Rating <12kts			
Headsail TCFL-H	Spinnaker TCFL-S	Screacher TCFL-C	Spi & Scr TCFL-SC
<b>0.986</b>	<b>1.031</b>	<b>1.022</b>	<b>1.058</b>