

IMHRR 2020

01 Jan 2020

Boat Name	Boat design	Sail Number
HALLUCINE	TS 5	FRA 4

Hull measurements			
DSPW	DSPWD	LOA	FOH
0	8500	15.77	0
FF	AOH	AF	OSB
1.85	0	0	6.25
TP	V	TH	
2 Folding	0.55	Catamaran	

Mast properties	
TPC	
Rotating	
PC	PCY
1.083	0

Mainsail measurements			
PU	PL (+/-)	E	MHB
18.35	0	6.95	2.5
MUW	MTW	MHW	MQW
2.95	4	5.2	6.161

Daggerboard and foil measurements			
TB	Asymmetric		
BV1	BV2	BV3	BV4
1.75	1.75	0	0
BH1	BH2	BH3	BH4
0	0	0	0
BC1	BC2	BC3	BC4
0.59	0.59	0	0

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

Spinnaker	
SLU	SLE
21	18.5
SFL	SHW
13	12

Headsail measurements		
IG	J	HLU
16.32	6.4	18.12
HHB	HUW	HTW
0.05	0.9	1.75
HMW	HQW	HLP
3.5	5.25	7.25

Screacher	
CLU	CLE
0	0
CFL	CHW
0	0

Hull calculations			
RD	DC	TPF	RL
9041.74	541.737	0.990	15.770
CCH	CCS	CCC	CCSC
0.961	0.962	0.961	0.962

Mainsail calculations			
MA	MER	MEF	RMA
91.456	1.893	0.811	84.146

Rated sail areas	
RSAH	RSAS
132.435	144.261
RSAC	RSASC
132.435	144.261

Daggerboard & foil calculations				
VA	BVA	BF	VF	BHA
0.940	2.065	0.600	0.997	0.000

Headsail calcs	
HA	HER
63.400	1.206
HEF	RHA
0.762	48.289

Stable wind speed		
WR	WH	WS
28255.43	302.69	18.781

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
18.350	0.000
PA	PAY
9.937	0.000

Spinnaker calculations		
SA	RSA	SMG%
200.792	11.826	0.923

Speed prediction	
VVH	VVS
12.979	13.455
VVC	VVSC
12.979	13.455

Mizzen calcs.	
MAY	RMAY
0.000	0.000

Screacher calculations		
CA	RCA	CMG%
0.000	0.000	0.500

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
1.114	1.154	X	X

Light Wind IMHRR Rating <12kts			
Headsail TCFL-H	Spinnaker TCFL-S	Screacher TCFL-C	Spi & Scr TCFL-SC
1.019	1.057	X	X