

IMHRR 2020

01 Jan 2020

Boat Name	Boat design	Sail Number
ARAWAK	Jobert-Nivalt 50	None

Hull measurements			
DSPW	DSPWD	LOA	FOH
4789	0	15.91	0
FF	AOH	AF	OSB
0	0	0	7.61
TP	V	TH	
2 Folding	0.522	Catamaran	

Mast properties	
TPC	
Fixed	
PC	PCY
0	0

Mainsail measurements			
PU	PL (+/-)	E	MHB
18.2	0.4	6.85	0.2
MUW	MTW	MHW	MQW
2.31	3.44	4.98	5.84

Daggerboard and foil measurements			
TB	Symmetric		
BV1	BV2	BV3	BV4
1.264	1.264	0	0
BH1	BH2	BH3	BH4
0.257	0.257	0	0
BC1	BC2	BC3	BC4
0.5	0.5	0	0

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

Spinnaker	
SLU	SLE
17.2	15.35
SFL	SHW
10.65	10.6

Headsail measurements		
IG	J	HLU
16.55	4.5	14.61
HHB	HUW	HTW
0.05	0.48	0.92
HMW	HQW	HLP
1.89	3	4.11

Screacher	
CLU	CLE
0	0
CFL	CHW
0	0

Hull calculations			
RD	DC	TPF	RL
5334.90	545.900	0.990	15.910
CCH	CCS	CCC	CCSC
0.962	0.964	0.966	0.967

Mainsail calculations			
MA	MER	MEF	RMA
82.470	1.758	0.794	65.440

Rated sail areas	
RSAH	RSAS
89.526	99.657
RSAC	RSASC
107.321	113.893

Daggerboard & foil calculations				
VA	BVA	BF	VF	BHA
0.937	1.264	0.600	0.975	0.257

Headsail calcs	
HA	HER
28.573	1.691
HEF	RHA
0.843	24.086

Stable wind speed		
WR	WH	WS
20299.29	222.80	18.554

Lift factor	
LH	LS
74.178	81.261
LC	LSC
86.559	91.068
LFH	LFS
1.004	1.004
LFC	LFSC
1.004	1.004

Mast calculations	
P	PY
18.600	0.000
PA	PAY
0.000	0.000

Spinnaker calculations		
SA	RSA	SMG%
143.898	10.132	0.995

Speed prediction	
VVH	VVS
12.364	12.941
VVC	VVSC
13.356	13.699

Mizzen calcs.	
MAY	RMAY
0.000	0.000

Screacher calculations		
CA	RCA	CMG%
97.854	17.795	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
1.070	1.120	1.156	1.186

Light Wind IMHRR Rating <12kts			
Headsail TCFL-H	Spinnaker TCFL-S	Screacher TCFL-C	Spi & Scr TCFL-SC
1.016	1.063	1.097	1.125