

IMHRR 2020

01 Jan 2020

Boat Name	Boat design	Sail Number
DASH	Outremer 49	None

Hull measurements			
DSPW	DSPWD	LOA	FOH
0	9980	14.98	0.05
FF	AOH	AF	OSB
1.8	0	0	5.73
TP	V	TH	
2 Folding	1	Catamaran	

Mast properties	
TPC	
Rotating	
PC	PCY
1.09	0

Mainsail measurements			
PU	PL (+/-)	E	MHB
18.15	1	6.65	1.8
MUW	MTW	MHW	MQW
0	0	0	0

Daggerboard and foil measurements			
TB	Symmetric		
BV1	BV2	BV3	BV4
2.021	2.021	0	0
BH1	BH2	BH3	BH4
0.316	0.316	0	0
BC1	BC2	BC3	BC4
0.7	0.7	0	0

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

Spinnaker	
SLU	SLE
0	0
SFL	SHW
0	0

Headsail measurements		
IG	J	HLU
17.4	5.36	17.3
HHB	HUW	HTW
0	0	0
HMW	HQW	HLP
0	0	5.8

Screacher	
CLU	CLE
0	0
CFL	CHW
0	0

Hull calculations			
RD	DC	TPF	RL
10496.84	516.837	0.990	14.938
CCH	CCS	CCC	CCSC
0.958	0.960	0.960	0.961

Mainsail calculations			
MA	MER	MEF	RMA
94.840	2.145	0.842	90.323

Rated sail areas	
RSAH	RSAS
136.419	147.291
RSAC	RSASC
150.885	158.864

Daggerboard & foil calculations				
VA	BVA	BF	VF	BHA
0.963	2.829	0.801	0.993	0.442

Headsail calcs	
HA	HER
55.187	1.641
HEF	RHA
0.835	46.096

Stable wind speed		
WR	WH	WS
30073.44	288.94	19.831

Lift factor	
LH	LS
139.454	148.811
LC	LSC
151.884	158.675
LFH	LFS
1.003	1.004
LFC	LFSC
1.004	1.004

Mast calculations	
P	PY
19.150	0.000
PA	PAY
10.437	0.000

Spinnaker calculations		
SA	RSA	SMG%
150.000	10.872	0.750

Mizzen calcs.	
MAY	RMAY
0.000	0.000

Screacher calculations		
CA	RCA	CMG%
110.000	14.466	0.500

Speed prediction	
VVH	VVS
12.921	13.347
VVC	VVSC
13.484	13.783

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
1.064	1.099	1.111	1.135

Light Wind IMHRR Rating <12kts			
Headsail TCFL-H	Spinnaker TCFL-S	Screacher TCFL-C	Spi & Scr TCFL-SC
0.960	0.991	1.002	1.024