

IMHRR 2018

7 Apr 2018

Boat Name	Boat design	Sail Number
MORTICIA(C-boards)	Seacart 30	AUS3002

Hull measurements					
DSPW	DSPWD	LOA	FOH	FF	AOH
1325	0	9.15	0.09	1.05	0
AF	OSB	TP	V	TH	
0	5.9	None	0.407	Trimaran	

Daggerboards and foils			
TB	C-Foil		
BV1	BV2	BV3	BV4
1.944	1.944	0	0
BH1	BH2	BH3	BH4
1.074	1.074	0	0
BC1	BC2	BC3	BC4
0.32	0.32	0	0

Mast properties	
TPC	
Both	
PC	PCY
0.39	0

Mainsail measurements			
PU	PL (+/-)	E	MHB
14.27	0	4.1	2.068
MUW	MTW	MHW	MQW
0	2.518	3.097	3.565

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

Headsail measurements		
IG	J	HLU
11	3.47	9.549
HNB	HUW	HTW
0.46	0	1.143
HMW	HQW	HLP
1.811	3.365	3.053

Spinnaker	
SLU	SLE
15.225	13.78
SFL	SHW
8.13	6.112

Screacher			
CLU	CLE	CFL	CHW
15.21	13.68	8	4.126

Board & foil calcs	
BVA	BF
1.244	0.936
VF	BHA
1.019	0.687

Mizzen calcs.	
MAY	RMAV
0.000	0.000

Stable wind speed	
WR	WS
4885.4	15.479

Hull calculations		
RD	DC	TPF
1656.061	331.061	1.000
RL	CCH	CCS
9.076	1.000	1.000
CCC	CCSC	VA
1.000	1.000	0.948

Mast calculations	
P	PY
14.490	0.000
PA	PAY
2.826	0.000

Headsail calcs	
HA	HER
17.335	1.860
HEF	RHA
0.867	15.035

Speed prediction	
VVH	VVS
10.624	11.270
VVC	VVSC
11.396	11.845

Spinnaker calculations		
SA	RSA	SMG%
78.744	8.422	0.752

Mainsail calcs.	
MA	MER
40.274	2.396
MEF	RMA
0.871	37.895

Rated sail areas	
RSAH	RSAS
52.930	61.352
RSAC	RSASC
63.085	69.476

Lift factor	
LH	LFH
146.472	1.023
LS	LFS
164.838	1.027
LC	LFC
168.552	1.027
LSC	LFSC
182.081	1.030

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
1.098	1.169	1.183	1.232

Light IMHRR Rating <12kts			
Headsail TCFL-H	Spinnaker TCFL-S	Screacher TCFL-C	Spi & Scr TCFL-SC
1.116	1.184	1.197	1.244