

# IMHRR 2018

29 Nov 2018

Boat Name	Boat design	Sail Number
TRYST	Dick Newick 36	

Hull measurements					
DSPW	DSPWD	LOA	FOH	FF	AOH
2655	0	10.99	0.64	0.952	0
AF	OSB	TP	V	TH	
0	5.8	None	0.54	Trimaran	

Daggerboards and foils			
TB	Symmetric		
BV1	BV2	BV3	BV4
1.29	0	0	0
BH1	BH2	BH3	BH4
0	0	0	0
BC1	BC2	BC3	BC4
0.57	0	0	0

Mast properties	
TPC	
Fixed	
PC	PCY
0	0

Mainsail measurements				
PU	PL (+/-)	E	MHB	
11.02	0	5.31	0.16	
MUW	MTW	MHW	MQW	
1.53	2.63	3.77	4.53	

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

Headsail measurements		
IG	J	HLU
12.164	4.18	12.25
HHB	HUW	HTW
0.05	0.61	1.2
HMW	HQW	HLP
2.545	3.92	5.43

Spinnaker	
SLU	SLE
13.71	11.9
SFL	SHW
8.88	7.82

Screacher			
CLU	CLE	CFL	CHW
12.44	11.52	8.21	4.2

Board & foil calcs	
BVA	BF
0.735	0.600
VF	BHA
0.981	0.000

Mizzen calcs.	
MAY	RMA
0.000	0.000

Stable wind speed	
WR	WS
8795.9	21.339

Hull calculations		
RD	DC	TPF
3033.080	378.080	1.000
RL	CCH	CCS
10.498	1.000	1.000
CCC	CCSC	VA
1.000	1.000	0.953

Mast calculations		
P	PY	
11.020	0.000	
PA	PAY	
0.000	0.000	

Headsail calcs		
HA	HER	
31.582	1.071	
HEF	RHA	
0.735	23.212	

Speed prediction	
VVH	VVS
11.948	12.393
VVC	VVSC
12.454	12.779

Spinnaker calculations		
SA	RSA	SMG%
85.708	4.865	0.881

Mainsail calcs.	
MA	MER
37.833	1.342
MEF	RMA
0.732	27.685

Rated sail areas	
RSAH	RSAS
50.898	55.762
RSAC	RSASC
56.460	60.212

Lift factor	
LH	LFH
0.000	1.000
LS	LFS
0.000	1.000
LC	LFC
0.000	1.000
LSC	LFSC
0.000	1.000

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>0.914</b>	<b>0.948</b>	<b>0.953</b>	<b>0.978</b>

Light IMHRR Rating <12kts			
Headsail TCFL-H	Spinnaker TCFL-S	Screacher TCFL-C	Spi & Scr TCFL-SC
<b>0.908</b>	<b>0.942</b>	<b>0.946</b>	<b>0.971</b>