

# IMHRR 2020

01 Jan 2020

Boat Name	Boat design	Sail Number
TRYST	Dick Newick 36	None

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

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

Daggerboard and foil measurements			
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

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

Spinnaker	
SLU	SLE
12.28	12.28
SFL	SHW
7.76	8.18

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

Screacher	
CLU	CLE
0	0
CFL	CHW
0	0

Hull calculations			
RD	DC	TPF	RL
3033.08	378.080	1.000	10.498
CCH	CCS	CCC	CCSC
1.000	1.000	1.000	1.000

Mainsail calculations			
MA	MER	MEF	RMA
37.833	1.342	0.732	27.685

Rated sail areas	
RSAH	RSAS
50.898	53.383
RSAC	RSASC
56.460	57.833

Daggerboard & foil calculations				
VA	BVA	BF	VF	BHA
0.953	0.735	0.600	0.981	0.000

Headsail calcs	
HA	HER
31.582	1.071
HEF	RHA
0.735	23.212

Stable wind speed		
WR	WH	WS
8795.93	71.25	21.598

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
11.020	0.000
PA	PAY
0.000	0.000

Spinnaker calculations		
SA	RSA	SMG%
82.849	2.485	1.054

Speed prediction	
VVH	VVS
11.832	12.059
VVC	VVSC
12.333	12.452

Mizzen calcs.	
MAY	RMAY
0.000	0.000

Screacher calculations		
CA	RCA	CMG%
49.937	5.562	0.512

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>0.932</b>	<b>0.953</b>	<b>0.962</b>

Light Wind IMHRR Rating <12kts			
Headsail TCFL-H	Spinnaker TCFL-S	Screacher TCFL-C	Spi & Scr TCFL-SC
<b>0.908</b>	<b>0.926</b>	<b>0.946</b>	<b>0.956</b>