

IMHRR 2018

27 Apr 2018

Boat Name	Boat design	Sail Number
BOBBY DAZZLER	Dragonfly 28	0

Hull measurements					
DSPW	DSPWD	LOA	FOH	FF	AOH
2150	0	8.63	0	0	0
AF	OSB	TP	V	TH	
0	6.2	None	0.4	Trimaran	

Daggerboards and foils			
TB	Symmetric		
BV1	BV2	BV3	BV4
1.3	0	0	0
BH1	BH2	BH3	BH4
0	0	0	0
BC1	BC2	BC3	BC4
1.15	0	0	0

Mast properties	
TPC	
Fixed	
PC	PCY
0	0

Mainsail measurements			
PU	PL (+/-)	E	MHB
12.88	0	7.95	1.8
MUW	MTW	MHW	MQW
2	2.78	3.39	3.76

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

Headsail measurements		
IG	J	HLU
12.1	0	12.1
HHB	HUW	HTW
0.08	0.512	0.944
HMW	HQW	HLP
1.822	2.728	3.409

Spinnaker	
SLU	SLE
14.67	11.96
SFL	SHW
7.81	7.53

Screacher			
CLU	CLE	CFL	CHW
12.77	11.68	7.25	3.77

Hull calculations		
RD	DC	TPF
2465.999	315.999	1.000
RL	CCH	CCS
8.630	1.000	1.000
CCC	CCSC	VA
1.000	1.000	0.950

Board & foil calcs	
BVA	BF
1.495	0.989
VF	BHA
0.999	0.000

Mizzen calcs.	
MAY	RMA
0.000	0.000

Stable wind speed	
WR	WS
7644.6	10.512

Spinnaker calculations		
SA	RSA	SMG%
84.173	4.937	0.964

Mast calculations	
P	PY
12.880	0.000
PA	PAY
0.000	0.000

Headsail calcs	
HA	HER
21.478	1.848
HEF	RHA
0.866	18.593

Speed prediction	
VVH	VVS
6.790	7.064
VVC	VVSC
7.101	7.300

Screacher calculations		
CA	RCA	CMG%
45.497	5.631	0.520

Mainsail calcs.	
MA	MER
47.205	0.747
MEF	RMA
0.614	28.976

Rated sail areas	
RSAH	RSAS
47.569	52.506
RSAC	RSASC
53.200	57.011

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
0.900	0.936	0.941	0.967

Light IMHRR Rating <12kts			
Headsail TCFL-H	Spinnaker TCFL-S	Screacher TCFL-C	Spi & Scr TCFL-SC
0.908	0.944	0.949	0.976