

# IMHRR 2018

28 Mar 2018

Boat Name	Boat design	Sail Number
KATAPLASM	KL-28	0

Hull measurements					
DSPW	DSPWD	LOA	FOH	FF	AOH
0	750	8.52	0.05	0.75	0
AF	OSB	TP	V	TH	
0	4.33	None	0.35	Catamaran	

Daggerboards and foils			
TB	Symmetric		
BV1	BV2	BV3	BV4
1.28	1.28	0	0
BH1	BH2	BH3	BH4
0.312	0.312	0	0
BC1	BC2	BC3	BC4
0.41	0.41	0	0

Mast properties	
TPC	
Rotating	
PC	PCY
0.475	0

Mainsail measurements			
PU	PL (+/-)	E	MHB
11.16	0.58	3.8	1.53
MUW	MTW	MHW	MQW
1.76	2.25	3	3.445

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

Headsail measurements		
IG	J	HLU
10.15	0	8.03
HHB	HUW	HTW
0.15	0.53	0.9
HMW	HQW	HLP
1.47	1.98	2.57

Spinnaker	
SLU	SLE
11.1	10.65
SFL	SHW
6.7	5.1

Screacher			
CLU	CLE	CFL	CHW
0	0	0	0

Hull calculations		
RD	DC	TPF
1060.938	310.938	1.000
RL	CCH	CCS
8.481	0.977	0.981
CCC	CCSC	VA
0.977	0.981	0.945

Board & foil calcs	
BVA	BF
1.050	1.037
VF	BHA
1.002	0.256

Mizzen calcs.	
MAY	RMAV
0.000	0.000

Stable wind speed	
WR	WS
2296.9	13.258

Spinnaker calculations		
SA	RSA	SMG%
49.119	5.127	0.761

Mast calculations	
P	PY
11.740	0.000
PA	PAY
2.788	0.000

Headsail calcs	
HA	HER
11.187	1.694
HEF	RHA
0.843	9.434

Speed prediction	
VVH	VVS
9.215	9.676
VVC	VVSC
9.215	9.676

Screacher calculations		
CA	RCA	CMG%
0.000	0.000	0.500

Mainsail calcs.	
MA	MER
32.049	2.219
MEF	RMA
0.851	30.063

Rated sail areas	
RSAH	RSAS
39.497	44.625
RSAC	RSASC
39.497	44.625

Lift factor	
LH	LFH
41.019	1.010
LS	LFS
45.227	1.011
LC	LFC
41.019	1.010
LSC	LFSC
45.227	1.011

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
1.015	1.071	X	X

Light IMHRR Rating <12kts			
Headsail TCFL-H	Spinnaker TCFL-S	Screacher TCFL-C	Spi & Scr TCFL-SC
1.080	1.138	X	X