

# IMHRR 2020

01 Jan 2020

Boat Name	Boat design	Sail Number
ENOLA	KL28	None

Hull measurements			
DSPW	DSPWD	LOA	FOH
1034	0	8.65	0.043
FF	AOH	AF	OSB
0.75	0	0	4.233
TP	V	TH	
None	0.31	Catamaran	

Mast properties	
TPC	
Rotating	
PC	PCY
0.59	0

Mainsail measurements			
PU	PL (+/-)	E	MHB
10.67	0	3.66	1.48
MUW	MTW	MHW	MQW
1.61	2.15	2.81	3.31

Daggerboard and foil measurements			
TB	Symmetric		
BV1	BV2	BV3	BV4
0.45	0.45	0	0
BH1	BH2	BH3	BH4
0.13	0.13	0	0
BC1	BC2	BC3	BC4
0.56	0.56	0	0

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

Spinnaker	
SLU	SLE
11.59	11.08
SFL	SHW
6.3	5.86

Headsail measurements		
IG	J	HLU
9.29	2.7	8.56
HHB	HUW	HTW
0.05	0.4	0.76
HMW	HQW	HLP
1.42	2.09	2.78

Screacher	
CLU	CLE
0	0
CFL	CHW
0	0

Hull calculations			
RD	DC	TPF	RL
1349.55	315.554	1.000	8.617
CCH	CCS	CCC	CCSC
0.970	0.973	0.973	0.975

Mainsail calculations			
MA	MER	MEF	RMA
28.642	2.138	0.842	27.252

Rated sail areas	
RSAH	RSAS
37.071	41.426
RSAC	RSASC
41.219	44.744

Daggerboard & foil calculations				
VA	BVA	BF	VF	BHA
0.941	0.504	0.600	0.976	0.146

Headsail calcs	
HA	HER
11.962	1.548
HEF	RHA
0.821	9.819

Stable wind speed		
WR	WH	WS
2856.33	37.16	17.042

Lift factor	
LH	LS
26.226	28.853
LC	LSC
28.729	30.835
LFH	LFS
1.005	1.005
LFC	LFSC
1.005	1.006

Mast calculations	
P	PY
10.670	0.000
PA	PAY
3.148	0.000

Spinnaker calculations		
SA	RSA	SMG%
56.184	4.355	0.930

Speed prediction	
VVH	VVS
9.767	10.245
VVC	VVSC
10.223	10.591

Mizzen calcs.	
MAY	RMAY
0.000	0.000

Screacher calculations		
CA	RCA	CMG%
30.830	4.147	0.553

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>0.901</b>	<b>0.945</b>	<b>0.943</b>	<b>0.977</b>

Light Wind IMHRR Rating <12kts			
Headsail TCFL-H	Spinnaker TCFL-S	Screacher TCFL-C	Spi & Scr TCFL-SC
<b>0.947</b>	<b>0.993</b>	<b>0.990</b>	<b>1.026</b>