

# IMHRR 2018

8 Apr 2018

Boat Name	Boat design	Sail Number
NALA (Provisional)	HH 66	USA 6603

Hull measurements					
DSPW	DSPWD	LOA	FOH	FF	AOH
18513	0	20.16	0.551	0.322	0.575
AF	OSB	TP	V	TH	
0.366	6.474	2 Folding	0.668	Catamaran	

Daggerboards and foils			
TB	C-Foil		
BV1	BV2	BV3	BV4
3.38	3.38	0	0
BH1	BH2	BH3	BH4
1.427	1.427	0	0
BC1	BC2	BC3	BC4
0.75	0.75	0	0

Mast properties	
TPC	
Fixed	
PC	PCY
0	0

Mainsail measurements			
PU	PL (+/-)	E	MHB
25.47	0.367	9.452	3.39
MUW	MTW	MHW	MQW
3.91	5.43	7.15	8.38

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

Headsail measurements		
IG	J	HLU
26.57	6.22	25.37
HHB	HUW	HTW
0.1	1.1	1.88
HMW	HQW	HLP
3.71	5.66	7.86

Spinnaker	
SLU	SLE
30.53	27.39
SFL	SHW
16.88	16.06

Screacher			
CLU	CLE	CFL	CHW
28.92	27.52	18.065	9.676

Board & foil calcs	
BVA	BF
5.070	0.846
VF	BHA
1.012	2.141

Mizzen calcs.	
MAY	RMAV
0.000	0.000

Stable wind speed	
WR	WS
62091.4	16.555

Hull calculations		
RD	DC	TPF
19181.787	668.787	0.975
RL	CCH	CCS
20.160	0.958	0.960
CCC	CCSC	VA
0.961	0.962	0.938

Mast calculations		
P	PY	
26.236	0.000	
PA	PAY	
0.000	0.000	

Headsail calcs	
HA	HER
96.120	1.556
HEF	RHA
0.822	79.020

Speed prediction	
VVH	VVS
13.697	14.311
VVC	VVSC
14.628	15.018

Spinnaker calculations		
SA	RSA	SMG%
391.539	25.924	0.951

Mainsail calcs.	
MA	MER
176.215	1.972
MEF	RMA
0.821	144.749

Rated sail areas	
RSAH	RSAS
223.770	249.694
RSAC	RSASC
263.736	281.667

Lift factor	
LH	LFH
758.235	1.010
LS	LFS
827.730	1.011
LC	LFC
864.766	1.012
LSC	LFSC
911.490	1.012

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>1.233</b>	<b>1.292</b>	<b>1.323</b>	<b>1.361</b>

Light IMHRR Rating <12kts			
Headsail TCFL-H	Spinnaker TCFL-S	Screacher TCFL-C	Spi & Scr TCFL-SC
<b>1.056</b>	<b>1.106</b>	<b>1.132</b>	<b>1.163</b>