

# IMHRR 2020

01 Jan 2020

Boat Name	Boat design	Sail Number
L'ASTROLABE	Leopard 44 / Sunsail 444	None

Hull measurements			
DSPW	DSPWD	LOA	FOH
0	14500	13.72	0.12
FF	AOH	AF	OSB
1.4	0	0	5
TP	V	TH	
2 Fixed	1.27	Catamaran	

Mast properties	
TPC	
Fixed	
PC	PCY
0	0

Mainsail measurements			
PU	PL (+/-)	E	MHB
16.34	0	6.67	0
MUW	MTW	MHW	MQW
0	0	0	0

Daggerboard and foil measurements			
TB	None		
BV1	BV2	BV3	BV4
0	0	0	0
BH1	BH2	BH3	BH4
0	0	0	0
BC1	BC2	BC3	BC4
0	0	0	0

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

Spinnaker	
SLU	SLE
0	0
SFL	SHW
0	0

Headsail measurements		
IG	J	HLU
17.34	4.86	16.25
HHB	HUW	HTW
0	0	0
HMW	HQW	HLP
0	0	5.45

Screacher	
CLU	CLE
0	0
CFL	CHW
0	0

Hull calculations			
RD	DC	TPF	RL
14976.84	476.839	0.963	13.624
CCH	CCS	CCC	CCSC
0.947	0.947	0.947	0.947

Mainsail calculations			
MA	MER	MEF	RMA
70.842	1.592	0.770	54.573

Rated sail areas	
RSAH	RSAS
95.254	95.254
RSAC	RSASC
95.254	95.254

Daggerboard & foil calculations				
VA	BVA	BF	VF	BHA
0.974	0.000	0.600	0.974	0.000

Headsail calcs	
HA	HER
48.709	1.640
HEF	RHA
0.835	40.681

Stable wind speed		
WR	WH	WS
37442.10	131.60	32.788

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
16.340	0.000
PA	PAY
0.000	0.000

Spinnaker calculations		
SA	RSA	SMG%
0.000	0.000	0.750

Mizzen calcs.	
MAY	RMAY
0.000	0.000

Screacher calculations		
CA	RCA	CMG%
0.000	0.000	0.500

Speed prediction	
VVH	VVS
13.657	13.657
VVC	VVSC
13.657	13.657

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
0.771	X	X	X

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