

BOAT	GPH	HULL
Name ENTROPY Sail Nr USA 50400	543.5	Length Overall 12.494m Maximum Beam 3.859m Displacement 6,237kg Draft 2.916m IMS Reg. Division Performance Dynamic Allowance 0.000% Fwd Accommodation Yes Hull Construction Cored Carbon Rudder Yes Crew Arm Extension 0.00
GENERAL		IMSL 11.367m VCGD -0.140m Sink 23.59kg/mm RL 11.310m VCGM -0.142m WS 30.52m² LSM0 11.030m Displacement/Length ratio 4.6478
Class TRIPP 41 Designer TRIPP Builder HOLBY Series 06/1997 Age 06/1997 Age Allowance 0.487% Offset File US30811D.OFF - 12/07/2018 13:04:44 Measurement by - 10/04/2002		



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SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	528.6			592.9		
Time on Time	1.1351			1.1384		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	612.6	484.4	434.1	786.8	593.7	525.1
Time on Time	1.1019	1.3936	1.5549	0.8579	1.1369	1.2854

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	891.0	732.0	653.9	627.9	615.8	604.1	593.9
52°	591.3	496.9	463.7	453.1	447.8	445.0	435.4
60°	562.7	481.1	453.3	441.3	435.1	431.3	419.8
75°	542.3	471.6	444.7	426.5	414.1	407.3	399.9
90°	547.8	467.3	444.9	423.1	402.9	387.6	372.2
110°	538.0	458.7	427.9	410.3	394.8	380.6	356.5
120°	552.6	463.6	429.2	399.9	380.4	364.5	336.4
135°	617.3	496.1	448.6	417.9	386.6	356.0	304.6
150°	733.3	586.5	497.7	451.4	428.4	405.1	344.7
Run VMG	846.8	677.2	574.7	520.8	494.5	464.6	398.0
Selected Courses							
Windward / Leeward	868.9	704.6	614.3	574.3	555.1	534.4	495.9
Circular Random	740.1	600.9	527.8	486.1	460.1	441.7	413.3
Coastal / Long Distance	866.7	663.6	558.3	502.7	473.1	445.3	397.1
Non Spinnaker	812.9	652.4	565.5	514.3	482.0	460.0	430.5

Velocity Prediction in Knots for True Wind Speeds							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat Angles	41.8°	40.3°	38.2°	36.6°	36.5°	35.8°	35.6°
Beat VMG	4.04	4.92	5.51	5.73	5.85	5.96	6.06
52°	6.09	7.24	7.76	7.95	8.04	8.09	8.27
60°	6.40	7.48	7.94	8.16	8.27	8.35	8.58
75°	6.64	7.63	8.10	8.44	8.69	8.84	9.00
90°	6.57	7.70	8.09	8.51	8.94	9.29	9.67
110°	6.69	7.85	8.41	8.77	9.12	9.46	10.10
120°	6.51	7.76	8.39	9.00	9.46	9.88	10.70
135°	5.83	7.26	8.02	8.61	9.31	10.11	11.82
150°	4.91	6.14	7.23	7.97	8.40	8.89	10.44
Run VMG	4.25	5.32	6.26	6.91	7.28	7.75	9.04
Gybe Angles	143.1°	145.4°	148.9°	151.9°	150.2°	176.2°	143.1°

Certificate

Number **US6019**
ORC Ref **USAX01E008D**
Issued On **12/07/2018**
VPP Ver. **2018 1.00**
Valid until **31/12/2018**

Crew Weight

Default **792kg**
Maximum **792kg**
Minimum* **594kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

ToD ToT
Non Spin GPH **583.3 1.0286**
Non Spin OSN **567.8 1.0567**

Sails Limitations

Headsails 6	Spinnakers 4
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Class Division Length

CDL = **11.340**

Storm Sails Areas

Heavy Weather Jib **36.35**
Storm Jib (JL=10.67) **13.47**
Storm Trysail **16.59**

Owner

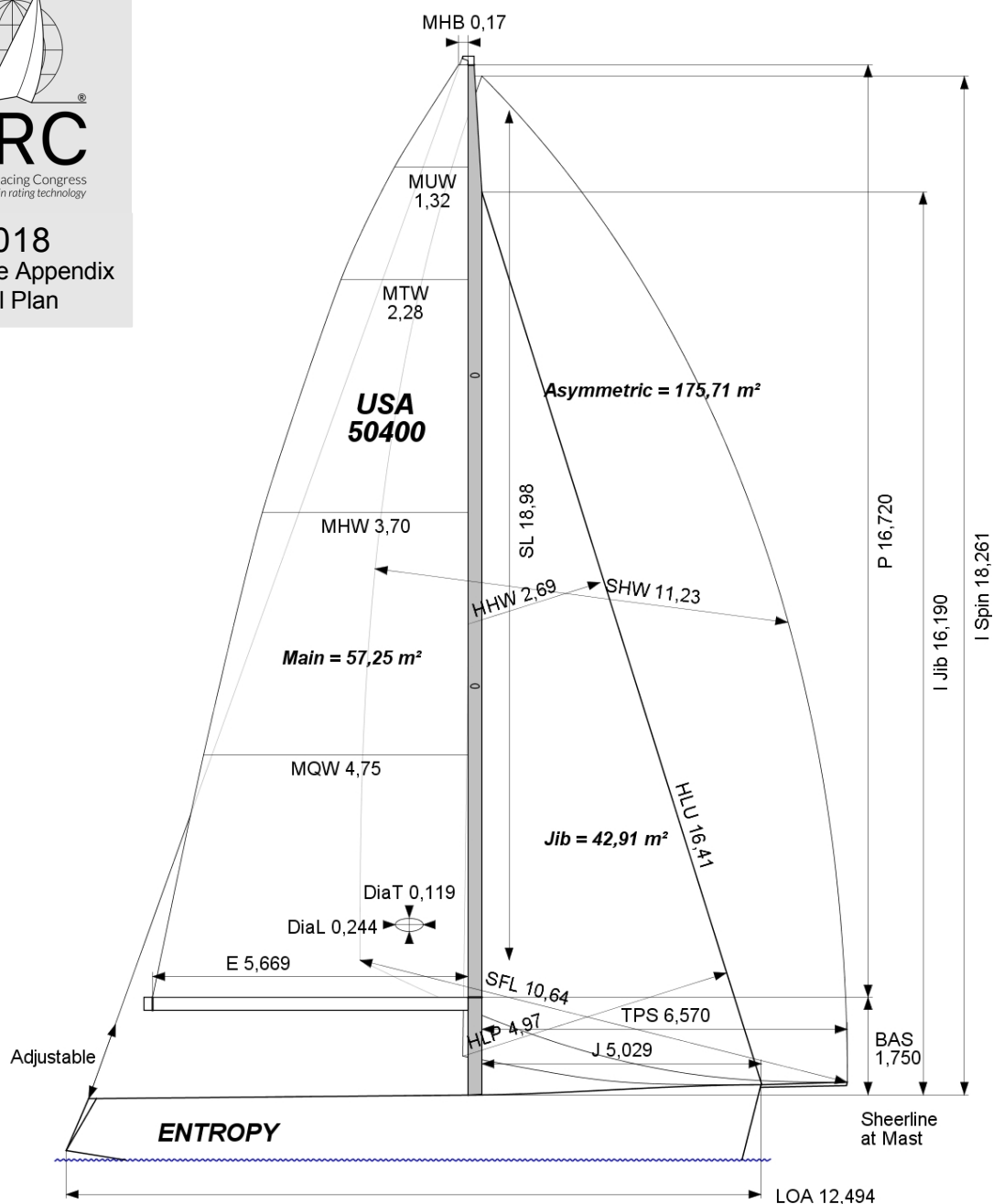
BOAT Name ENTROPY Sail Nr USA 50400 File US6019 Data in meters/kilograms		INCLINING TEST AND FREEBOARDS Inclining Test Enter VCG directly Flotation date 30/05/2013 SG 1.0200 VCGDe -0.140		 ORC Offshore Racing Congress World leader in rating technology 2018 IMS Measurement Certificate																																	
RIG Forestay Tension Aft Spreaders 2 Inner Stay None Fitted Runners 0 Carbon Mast Yes Jumper Struts None Taper Hollows No Jib Furler No Fiber Rigging No Main Furler No Lenticular Rigging No Without Backstay No Articulated Bowsprit No		FFM 1.349 FF 1.351 SFFP 0.174 FAM 1.098 FA 1.099 SAFF 11.942 LCF from stem on CL / on sheer 6.701 / 6.962 Maximum beam station from stem 7.949 RM Measured 204.3kg-m RM Default 202.1kg-m Limit of positive stability / Stab.Index 122.6° / 122.4 Freeboard at mast at 0.000 1.166																																			
MIZZEN RIG AND SAILS N/A		PROPELLER Installation Strut PRD 0.411 Type Folding 2 blades PBW 0.116 Twin Screw No PIPA 0.0035 ST1 0.043 ST3 0.180 ST5 0.232 ST2 0.180 ST4 0.110 EDL 1.253																																			
COMMENTS 		MOVABLE BALLAST N/A																																			
HEADSAILS Area = 0.1125·HLU · (1.445·HLP + 2·HQW + 2·HHW + 1.5·HTW + HUW + 0.5·HHB) <table border="1"> <thead> <tr> <th>HHB</th> <th>HUW</th> <th>HTW</th> <th>HHW</th> <th>HQW</th> <th>HLP</th> <th>HLU</th> <th>Area</th> <th>Btn</th> <th>Fly</th> <th>Meas.Date</th> <th>Material</th> <th>Comment</th> </tr> </thead> <tbody> <tr> <td>1.43</td> <td>2.69</td> <td>3.89</td> <td>4.97</td> <td>16.41</td> <td>42.91</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>ORC 2017</td> </tr> </tbody> </table>		HHB	HUW	HTW	HHW	HQW	HLP	HLU	Area	Btn	Fly	Meas.Date	Material	Comment	1.43	2.69	3.89	4.97	16.41	42.91							ORC 2017	CENTERBOARD N/A		 Invalid for racing ORC World Leader In Rating Technology							
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Sail Plan



SAILS INVENTORY

MAINSAIL (1)

Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment
1951830	0.17	1.32	2.28	3.70	4.75	57.26			ERIC		MN2 IRC 2015

HEADSAILS (1)

Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
1578338			1.43	2.69	3.89	4.97	16.41	99%	42.91							ORC 2017

SYMMETRIC SPINNAKERS (0)

Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment
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ASYMMETRIC SPINNAKERS (1)

Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment
1397665	20.90	17.05	18.98	11.23	10.64	175.71	asym					A4 ASYMMETRIC