



ORC

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2020
ORC Club
Certificate

Rating Office

Offshore
Racing
Congress



Certificate

Number **US6200**
Issued On **12/06/2020**
ORC Ref **53410000217**
VPP Ver. **2020 1.02**
Valid until **31/12/2020**

Crew Weight

Default 591kg
Maximum **655kg**
Minimum* **491kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Non Spin GPH	629.3	0.9534
Non Spin OSN	612.7	0.9793

Sails Limitations

Headsails **5** Spinnakers **4**

Spinnaker configuration

Symmetric: **Yes 64.55**
Asymmetric: **No**
Flying H/S: **No**
Spin. Pole: **Yes**

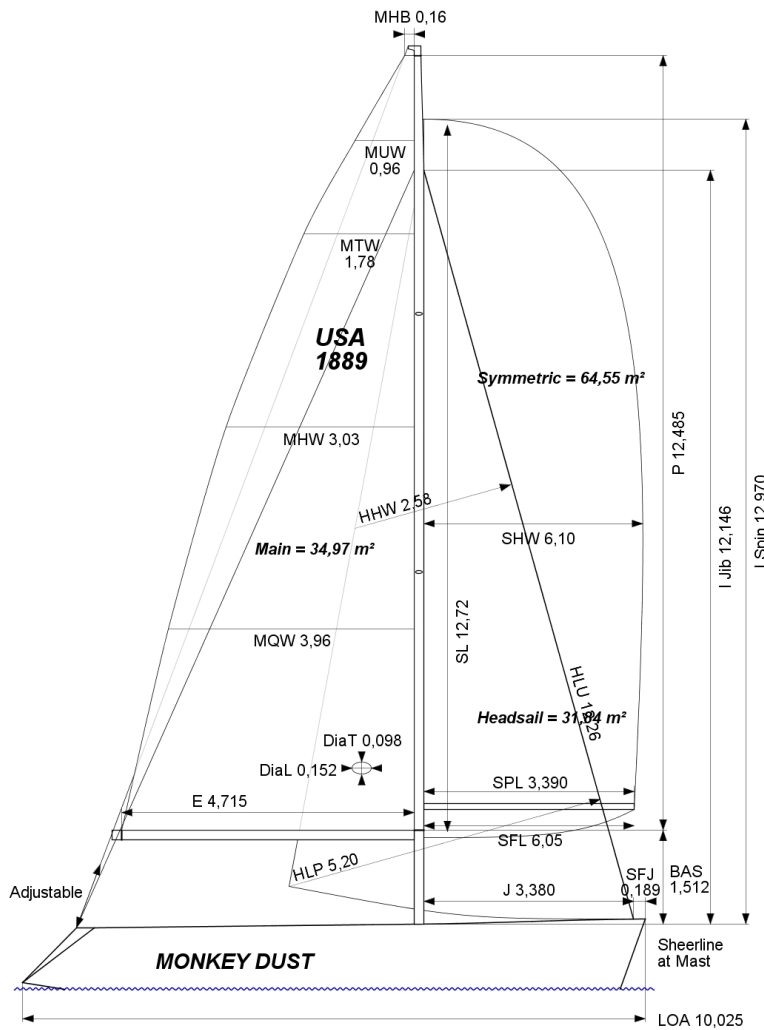
Class Division Length

CDL = 9.139

Stability (Measured)

Limit Positive Stab.: **121.6°**
Stability Index: **117.7**

Owner



BOAT	GPH	HULL
Name MONKEY DUST Sail Nr USA 1889	606.5	Data File US6200 LOA 10.025m Offset File US30257.OFF MB 3.133m Displacement 3,036kg Draft 2.260m
CLASS Class TRIPP 33 Designer TRIPP Builder CARROLL MARINE Series 04/1992, CIN 125 Age Date 03/1993 Age Allowance 0.487%		IMS Division Cruiser/Racer Dynamic All. 0.000% Plan Review Construction Cored Fiber Rigging No Aramid Core No Crew Arm Ex 0.00 Carbon Rudder No Light Stanchions No
COMMENTS		IMSL 9.015m VCGD -0.283m Sink 15.15kg/mm RL 9.283m VCGM -0.110m WS 19.95m² LSM0 8.986m Displacement/Length ratio 4.1841
PROPELLER Installation Shaft exposed PRD 0.340 Type Folding 2 blades PIPA 0.0025		Water Ballast 0 Trim Tab No BLR Index 0.0000
		CENTERBOARD N/A
SCORING OPTIONS		
	COASTAL / LONG DISTANCE	WINDWARD / LEEWARD
Time on Distance	590.2	658.9
Time on Time	1.0167	1.0245
Triple Number	Low Medium High	Low Medium High
Time on Distance	684.7 540.6 482.0	882.1 660.7 581.1
Time on Time	0.9858 1.2487 1.4004	0.7652 1.0217 1.1615

2020

ORC Club Certificate Appendix

BOAT							
Name	MONKEY DUST	Certificate Number	US6200				
Sail Nr	USA 1889	Issued On	12/06/2020				

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	953.6	788.1	716.9	693.0	682.3	679.7	672.4
52°	630.9	541.3	513.0	503.1	497.8	494.7	488.4
60°	598.9	527.4	501.5	489.2	482.2	478.1	471.6
75°	575.8	518.0	490.6	469.1	456.6	449.3	442.8
90°	584.1	518.5	489.7	463.3	440.5	424.2	409.6
110°	625.0	525.3	486.5	452.8	425.9	409.5	383.2
120°	647.7	536.9	494.1	459.1	426.1	396.1	358.3
135°	725.7	585.4	519.3	485.6	452.3	420.1	355.4
150°	864.8	682.6	575.5	518.3	486.7	455.9	396.7
Run VMG	998.6	788.2	663.4	586.0	531.6	497.6	440.5
Selected Courses							
Windward / Leeward	976.1	788.2	690.1	639.5	606.9	588.6	556.5
Circular Random	826.7	671.4	589.1	541.6	511.8	491.2	461.7
Coastal / Long Distance	978.4	743.8	627.2	562.1	524.0	492.6	440.4
Non Spinnaker	867.3	700.1	610.6	558.5	525.7	503.2	471.9

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	42.0°	40.5°	37.5°	36.8°	36.4°	36.4°	36.4°
Beat VMG	3.78	4.57	5.02	5.19	5.28	5.30	5.35
52°	5.71	6.65	7.02	7.16	7.23	7.28	7.37
60°	6.01	6.83	7.18	7.36	7.47	7.53	7.63
75°	6.25	6.95	7.34	7.67	7.88	8.01	8.13
90°	6.16	6.94	7.35	7.77	8.17	8.49	8.79
110°	5.76	6.85	7.40	7.95	8.45	8.79	9.40
120°	5.56	6.71	7.29	7.84	8.45	9.09	10.05
135°	4.96	6.15	6.93	7.41	7.96	8.57	10.13
150°	4.16	5.27	6.26	6.95	7.40	7.90	9.08
Run VMG	3.60	4.57	5.43	6.14	6.77	7.24	8.17
Gybe Angles	144.0°	148.0°	151.5°	159.0°	180.0°	180.0°	180.0°