



World Leader in Rating Technology

2015
ORC Club
Certificate

Rating Office
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Certificate

Number 15172a
Issued On 01/06/2015
ORC Ref FRA00000597
VPP Ver. 2015 1.01
Valid until 29/02/2016

Crew Weight

Declared 617 kg
Default* 617 kg
Non Manual Pwr No

Special Scoring

	ToD	ToT
Non Spin MPH	698.7	0.8587
Non Spin OSN	673.5	0.8909
N/S Perf. Line	57.0	0.690

Sails Limitations

Headsails 6 Spinnakers 3

Spinnaker configuration

Symmetric: Yes 70.60
Asymmetric: No
Flying H/S: No
Spin. Pole: Yes

Class Division Length

CDL = 8.432

Stability

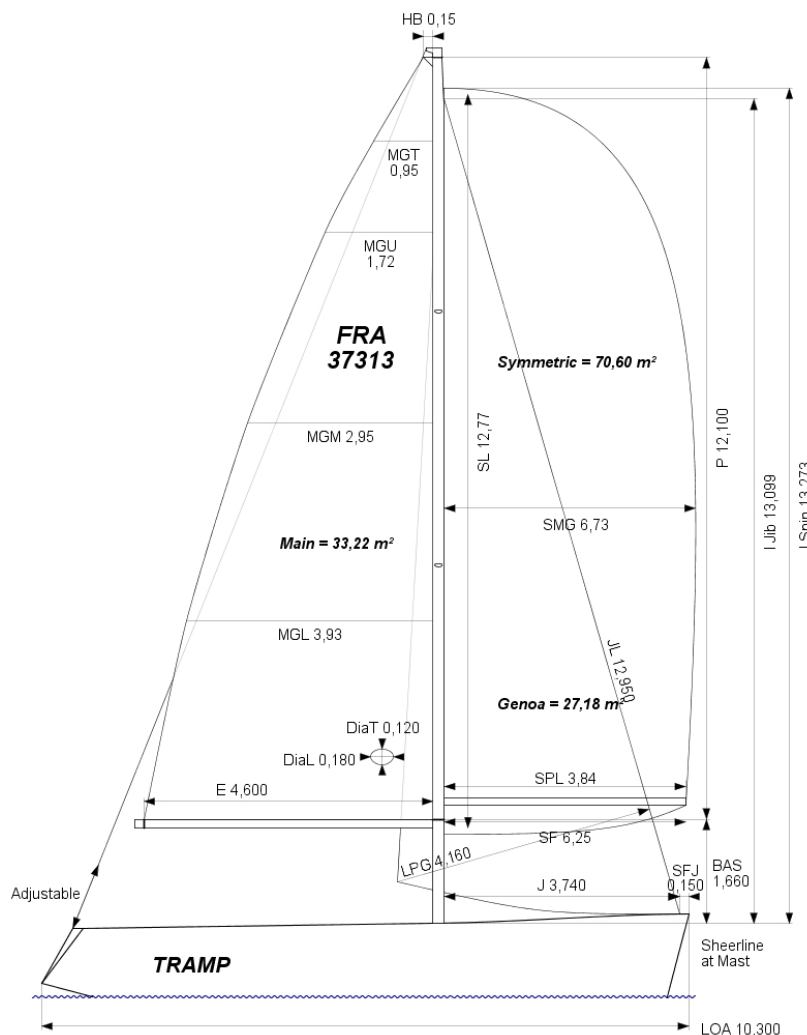
LPS (Estimated): 112.9°
Stability Index: 112.9
OSR Category: N/A

Owner

LE GUIL Yes
17 Rue de la Palisse,
56640 - ARZON

I certify that I understand my responsibilities under ORC Rules and Regulations

Signature



BOAT	GPH	HULL
Name TRAMP Sail Nr FRA-37313	667.2	Data File F37313.dxt LOA 10.300 m Offset File DUF34DKi.OFF MB 3.478 m Displacement 5,050 kg Draft 1.910 m
CLASS Class DUF 34E DK Ir Tail Designer FELCI Umberto Builder DUFOUR YACHTS Series 07/2002 Age Date 09/2006 Age Allowance 0.423%		IMS Division Cruiser/Racer Dynamic All. 0.306% Fwd Accom. Yes Construction Cored Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No Light Stanchions No
COMMENTS DSPM = -204 Kg VOLVO /25S IRON Keel From DU34EDKLeTR.dxt		IMS L 9.382 VCGD 0.150 Sink 17.89 kg/mm RL 7.480 VCGM 0.144 WS 24.15 m² Water Ballast 0 Trim Tab No
PROPELLER Installation Strut PRD Type Folding 2 blades PIPA 0.0031		CENTERBOARD N/A
SCORING OPTIONS		
	OFFSHORE COASTAL / LONG DISTANCE	INSHORE WINDWARD / LEEWARD
Time On Distance	646.0	721.3
Time On Time	0.9287	0.9358
Performance Line	PLT 0.759 PLD 82.7	PLT 0.702 PLD 138.4
Triple Number	Low 0.8628 Medium 1.1510 High 1.3141	Low 0.6612 Medium 0.9253 High 1.0994



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BOAT

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TIME ALLOWANCES

Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1176.2	966.4	850.4	772.1	737.5	721.4	714.3
52°	757.4	631.2	558.6	522.1	507.3	501.4	498.1
60°	708.0	593.3	533.6	506.4	492.4	486.0	482.1
75°	669.6	564.6	516.9	494.7	478.5	465.5	453.2
90°	676.3	561.1	509.7	487.3	478.7	462.5	435.4
110°	682.7	560.4	508.3	482.3	458.8	437.2	418.5
120°	707.2	578.9	516.7	488.9	467.4	445.1	406.2
135°	792.6	644.0	554.1	510.0	485.7	464.1	420.8
150°	942.5	739.0	622.8	547.7	508.5	485.3	442.9
Run VMG	1088.3	852.3	714.6	618.7	551.4	512.0	467.5

Selected Courses

Windward / Leeward	1132.3	909.3	782.5	695.4	644.4	616.7	590.9
Circular Random	934.5	748.0	646.3	586.3	549.1	524.9	495.4
Ocean for PCS	995.9	781.1	660.4	586.5	538.2	504.4	457.2
Non Spinnaker	991.2	788.2	676.1	609.2	567.5	540.7	509.5

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	44.5°	43.0°	42.9°	42.0°	40.8°	40.4°	40.4°
Beat VMG	3.06	3.73	4.23	4.66	4.88	4.99	5.04
52°	4.75	5.70	6.44	6.90	7.10	7.18	7.23
60°	5.08	6.07	6.75	7.11	7.31	7.41	7.47
75°	5.38	6.38	6.96	7.28	7.52	7.73	7.94
90°	5.32	6.42	7.06	7.39	7.52	7.78	8.27
110°	5.27	6.42	7.08	7.46	7.85	8.23	8.60
120°	5.09	6.22	6.97	7.36	7.70	8.09	8.86
135°	4.54	5.59	6.50	7.06	7.41	7.76	8.55
150°	3.82	4.87	5.78	6.57	7.08	7.42	8.13
Run VMG	3.31	4.22	5.04	5.82	6.53	7.03	7.70
Gybe Angles	146.3°	152.1°	159.2°	170.0°	175.0°	178.7°	179.1°