



World Leader in Rating Technology

2017 ORC Club Certificate

Rating Office

EYU
Regati 1
11911, Tallinn
Estonia

Certificate

Number **EST477**
Issued On **5.07.2017**
ORC Ref **EST00001463**
VPP Ver. **2017 1.00**
Valid until **31.12.2017**

Crew Weight

Declared **660kg**
Default* **596kg**
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Double H.GPH	657,9	0,9120
Double H.OSN	640,4	0,9370
Non Spin GPH	686,5	0,8740
Non Spin OSN	664,1	0,9034

Sails Limitations

Headsails **5** Spinnakers **3**

Spinnaker configuration

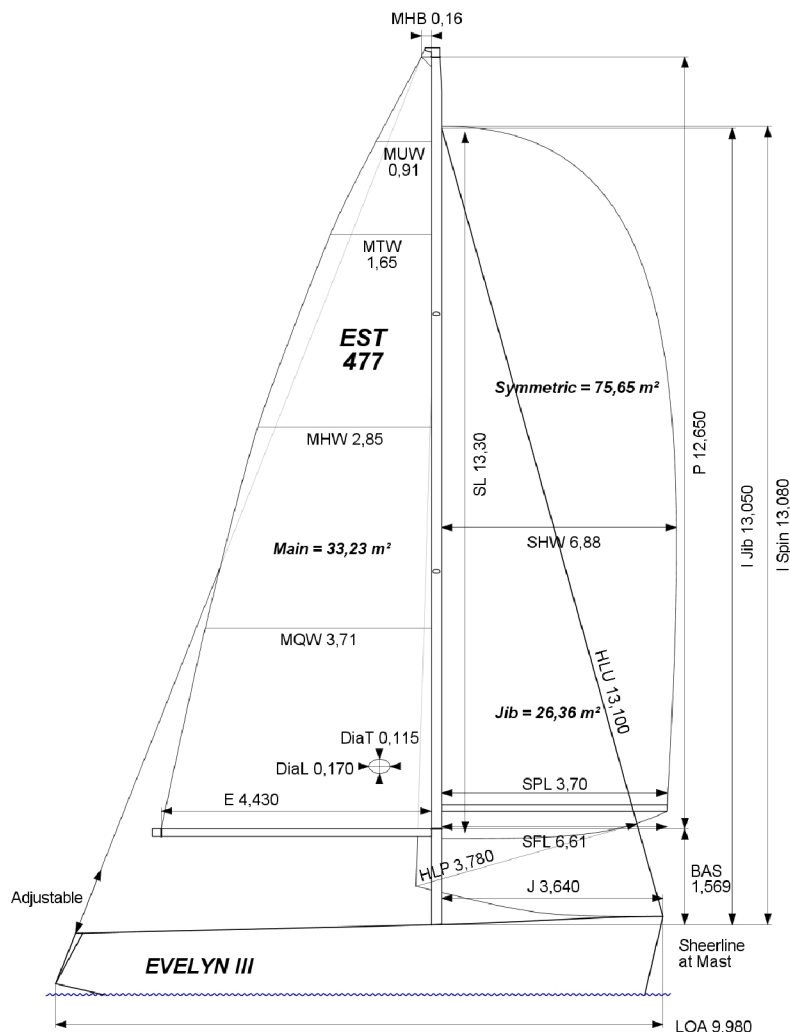
Symmetric: **Yes** 75,65
Asymmetric: **No**
Flying H/S: **No**
Spin. Pole: **Yes**

Class Division Length

CDL = 8,441

Stability (Measured)

Limit Positive Stab.: **124,1°**
Stability Index: **124,4**



BOAT	GPH	HULL
Name EVELYN III Sail Nr EST 477	654,7	Data File Est0477 LOA 9,980m Offset File F235.OFF MB 3,372m Displacement 4 839kg Draft 2,013m
CLASS Class First 34.7 Designer Farr Builder Beneteau Series 10.2005 Age Date 05.2007 Age Allowance 0,390%		IMS Division Cruiser/Racer Dynamic All. 0,236% Fwd Accom. No Construction Cored Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No Light Stanchions
COMMENTS		IMSL 9,176m VCGD -0,036m Sink 16,76kg/mm RL 7,705m VCGM -0,035m WS 22,57m² LSM0 9,036m Displacement/Length ratio 6,5588
PROPELLER Installation Strut PRD 0,410 Type Folding 2 blades PIPA 0,0030		Water Ballast 0 Trim Tab No
		CENTERBOARD N/A

SCORING OPTIONS	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
	Low	Medium	High	Low	Medium	High
Time On Distance	635,3			709,0		
Time On Time	0,9444			0,9521		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	757,5	578,3	510,4	982,1	715,6	611,2
Time on Time	0,8911	1,1672	1,3224	0,6873	0,9433	1,1043



World Leader in Rating Technology

2017

ORC Club Certificate Appendix

BOAT

Name **EVELYN III** Certificate Number **EST477**
 Sail Nr **EST 477** Issued On **5.07.2017**

TIME ALLOWANCES

Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1131,5	938,6	831,9	760,7	731,4	718,3	707,6
52°	736,6	617,8	553,2	523,0	509,7	504,4	501,4
60°	692,6	583,1	532,4	508,8	495,5	489,0	484,5
75°	656,8	557,6	517,8	497,3	480,8	467,0	453,9
90°	659,1	554,9	508,2	488,2	478,6	461,8	432,1
110°	666,1	550,2	505,7	480,2	455,5	438,4	418,9
120°	687,3	564,7	512,4	486,2	462,0	437,3	401,3
135°	759,9	618,2	537,9	503,2	479,9	456,4	411,0
150°	898,3	711,2	601,5	534,4	503,1	481,2	437,7
Run VMG	1037,3	821,3	693,5	607,5	548,6	512,1	468,6

Selected Courses

Windward / Leeward	1084,4	879,9	762,7	684,1	640,0	615,2	588,1
Circular Random	907,8	730,7	634,9	578,7	543,9	521,1	492,4
Ocean for PCS	1113,0	857,8	713,2	624,3	566,4	526,0	469,7
Non Spinnaker	964,6	771,0	665,0	602,1	563,0	537,6	506,8

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	43,4°	42,0°	42,2°	40,9°	39,7°	39,6°	39,3°
Beat VMG	3,18	3,84	4,33	4,73	4,92	5,01	5,09
52°	4,89	5,83	6,51	6,88	7,06	7,14	7,18
60°	5,20	6,17	6,76	7,07	7,27	7,36	7,43
75°	5,48	6,46	6,95	7,24	7,49	7,71	7,93
90°	5,46	6,49	7,08	7,37	7,52	7,80	8,33
110°	5,40	6,54	7,12	7,50	7,90	8,21	8,59
120°	5,24	6,37	7,03	7,40	7,79	8,23	8,97
135°	4,74	5,82	6,69	7,15	7,50	7,89	8,76
150°	4,01	5,06	5,99	6,74	7,16	7,48	8,23
Run VMG	3,47	4,38	5,19	5,93	6,56	7,03	7,68
Gybe Angles	146,0°	150,5°	151,7°	157,9°	180,0°	180,0°	180,0°