



ORC

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**2019
ORC Club
Certificate**

Rating Office

**Offshore
Racing
Congress**



World Leader In Rating Technology

Certificate

Number
Issued On **27/03/2019**
ORC Ref **NL00015686**
VPP Ver. **2019 1.01**
Valid until **31/03/2020**

Crew Weight

Default 480kg
Maximum **400kg**
Minimum* **300kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Double H.GPH	688.2	0.8719
Double H.OSN	667.1	0.8994
Non Spin GPH	720.2	0.8331
Non Spin OSN	695.2	0.8631

Sails Limitations

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

Spinnaker configuration
Symmetric: **Yes** **65.40**
Asymmetric: **No**
Flying H/S: **No**
Spin. Pole: **Yes**

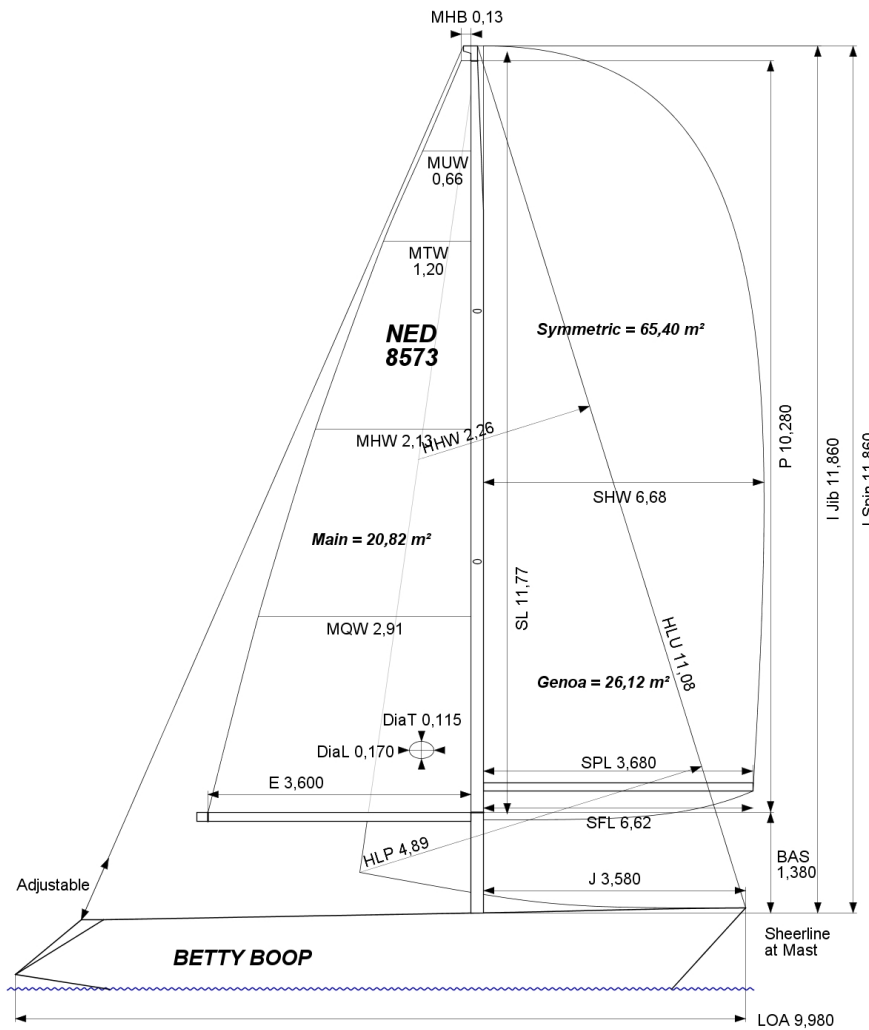
Class Division Length

CDL = 7.631

Stability (Estimated)

Limit Positive Stab.: **117.7°**
Stability Index: **113.3**

Owner



BOAT	GPH	HULL
Name Betty Boop Sail Nr NED 8573	681.7	Data File nedo8573 LOA 9.980m Offset File ned8573.off MB 3.306m Displacement 3,441kg Draft 1.916m
CLASS Class Elan 33 mod keel Designer Rob Humphreys Builder Elan Marine Series 01/1985 Age Date 01/1990 Age Allowance 0.487%		IMS Division Cruiser/Racer Dynamic All. 0.274% Fwd Accom. Yes Construction Solid Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No Light Stanchions No
COMMENTS OWNERS DECLARED		IMSL 8.075m VCGD -0.024m Sink 13.39kg/mm RL 7.185m VCGM 0.000m WS 18.93m² LSM0 7.770m Displacement/Length ratio 7.3354
PROPELLER Installation Strut PRD 0.340 Type Folding 2 blades PIPA 0.0005		Water Ballast 0 Trim Tab BLR Index 0.0000
		CENTERBOARD N/A
SCORING OPTIONS		
	COASTAL / LONG DISTANCE	WINDWARD / LEEWARD
Time on Distance	659.9	734.4
Time on Time	0.9092	0.9191
Triple Number	Low Medium High	Low Medium High
Time on Distance	789.8 601.4 533.3	1016.6 739.6 636.6
Time on Time	0.8547 1.1223 1.2658	0.6640 0.9127 1.0604