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**2019
ORC Club
Certificate**

Rating Office

**Offshore
Racing
Congress**



Certificate

Number **EST031**
Issued On **21/08/2019**
ORC Ref **EST00000853**
VPP Ver. **2019 1.01**
Valid until **31/12/2019**

Crew Weight

Default 529kg
Maximum **603kg**
Minimum* **452kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Double H.GPH	662.2	0.9060
Double H.OSN	644.0	0.9317
Non Spin GPH	679.1	0.8835
Non Spin OSN	656.8	0.9136

Sails Limitations

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

Asymmetric on centerline

Spinnaker configuration
Symmetric: **Yes** **52.38**
Asymmetric: **Yes** **49.43**
Flying H/S: **No**
Spin. Pole: **Yes**

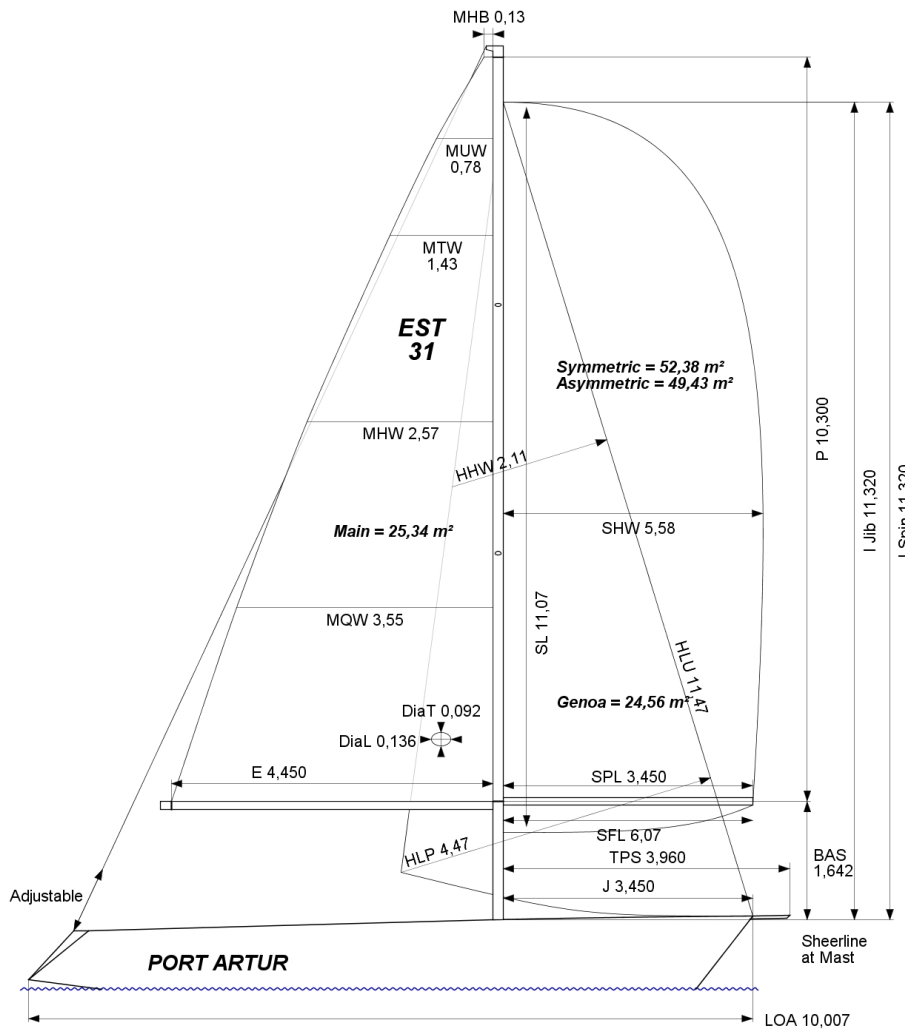
Class Division Length

CDL = 8.458

Stability (Measured)

Limit Positive Stab.: **116.4°**
Stability Index: **113.5**

Owner



BOAT	GPH	HULL
Name PORT ARTUR Sail Nr EST 31	649.9	Data File Est0031 LOA 10.007m Offset File X99.OD.OFF MB 2.992m Displacement 2,876kg Draft 1.780m
CLASS Class X-99 mod Designer NIELS JEPPESEN Builder X-YACHTS Series 04/1985 Age Date 01/1986 Age Allowance 0.487%		IMS Division Cruiser/Racer Dynamic All. 0.248% Fwd Accom. No Construction Cored Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No Light Stanchions
COMMENTS		IMSL 8.609m VCGD -0.103m Sink 13.45kg/mm RL 8.306m VCGM -0.043m WS 18.14m² LSM0 8.310m Displacement/Length ratio 5.0117
PROPELLER Type No Propeller		Water Ballast 0 Trim Tab No BLR Index 0.0000
		CENTERBOARD NA
SCORING OPTIONS		
	COASTAL / LONG DISTANCE	WINDWARD / LEEWARD
Time on Distance	629.5	702.3
Time on Time	0.9531	0.9612
Triple Number	Low Medium High	Low Medium High
Time on Distance	754.6 573.5 502.9	979.3 705.8 607.4
Time on Time	0.8945 1.1770 1.3422	0.6893 0.9563 1.1113