



ORC

Offshore Racing Congress
World leader in rating technology

**2020
ORC Club
Certificate**

Rating Office

Hellenic Sailing Federation

Offshore Committee

Επιτροπή

Ανοικτής Θαλάσσης

Ελληνικής

Ιστιοπλοϊκής Ομοσπονδίας



Certificate

Number **00475**
Issued On **26/08/2020**
ORC Ref **03420000P30**
VPP Ver. **2020 1.02**
Valid until **28/02/2021**

Crew Weight

Default 498kg
Maximum **232kg**
Minimum* **147kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

ToD ToT
Non Spin GPH **829.4 0.7234**
Non Spin OSN **795.3 0.7545**

Sails Limitations

Headsails **1** Spinnakers **4**
Woven Polyester

Spinnaker configuration
Symmetric: **No**
Asymmetric: **Yes 52.64**
Flying H/S: **No**
Spin. Pole: **Yes**

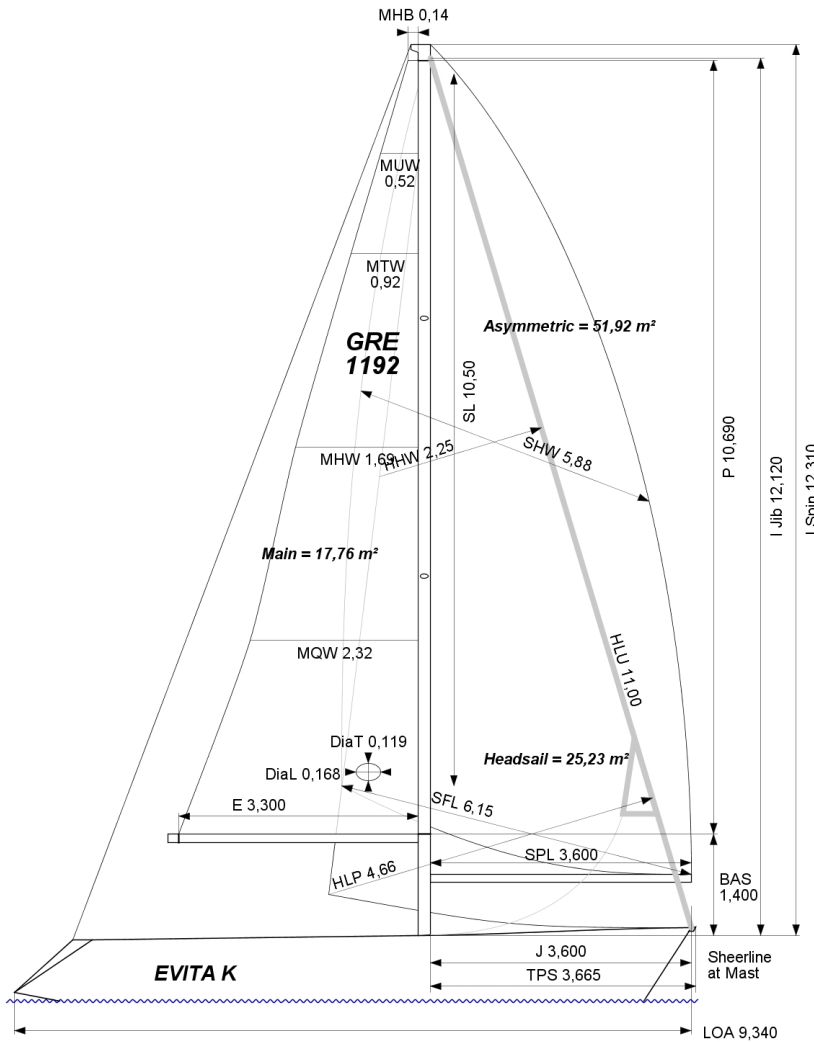
Class Division Length

CDL = 6.493

Stability (Estimated)

Limit Positive Stab.: **104.6°**
Stability Index: **102.5**

Owner



BOAT Name EVITA K Sail Nr GRE-1192		GPH 782.8	HULL Data File GR1192 LOA 9.340m Offset File GR0008.BOF MB 3.408m Displacement 4,346kg Draft 1.608m IMS Division Cruiser/Racer Dynamic All. 0.515% Plan Review Construction Solid Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No Light Stanchions No IMSL 8.109m VCGD 0.213m Sink 15.19kg/mm RL 4.877m VCGM 0.145m WS 20.06m² LSM0 7.965m Displacement/Length ratio 8.6007 Water Ballast 0 Trim Tab No BLR Index 0.0000																																																					
CLASS Class ATLANTIC 31 Designer JACOPIN & JACOPIN Builder ATLANTIC Series 01/1991 Age Date 01/1991 Age Allowance 0.487%			<table border="1"> <tr> <th colspan="7">SCORING OPTIONS</th> </tr> <tr> <th rowspan="2">Time on Distance</th> <th colspan="3">COASTAL / LONG DISTANCE</th> <th colspan="3">WINDWARD / LEEWARD</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Time on Time</td> <td colspan="3">0.7947</td> <td colspan="3">0.7931</td> </tr> <tr> <td>Triple Number</td> <td>Low</td> <td>Medium</td> <td>High</td> <td>Low</td> <td>Medium</td> <td>High</td> </tr> <tr> <td>Time on Distance</td> <td>941.0</td> <td>683.8</td> <td>584.0</td> <td>1229.3</td> <td>866.1</td> <td>709.8</td> </tr> <tr> <td>Time on Time</td> <td>0.7173</td> <td>0.9872</td> <td>1.1558</td> <td>0.5491</td> <td>0.7794</td> <td>0.9510</td> </tr> </table>						SCORING OPTIONS							Time on Distance	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD									Time on Time	0.7947			0.7931			Triple Number	Low	Medium	High	Low	Medium	High	Time on Distance	941.0	683.8	584.0	1229.3	866.1	709.8	Time on Time	0.7173	0.9872	1.1558	0.5491	0.7794	0.9510
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COMMENTS			CENTERBOARD N/A																																																					
PROPELLER Installation Shaft exposed PRD 0.425 Type Solid 3 blades PBW 0.140 PIPA 0.0279																																																								

BOAT	
Name EVITA K	Sail Nr GRE-1192
File GR1192	Data in meters/kilograms

RIG	
Forestay Tension Fixed	Spreaders 2
Inner Stay None Fitted	Runners/Checkstays 0
Carbon Mast No	Jib Furler Yes
Fiber Rigging No	Main Furler No
Non-Circular Rigging No	
Articulated Bowsprit No	
P 10.690	E 3.300 MDT1 0.119 MW
IG 12.120	J 3.600 MDL1 0.168 GO
ISP 12.310	SFJ 0.000 MDT2 BD
BAS 1.400	SPL 3.600 MDL2 MWT
FSD -3.000	TPS 3.665 TL -3.000 MCG

INCLINING TEST AND FREEBOARDS			
Inclining Test Club Estimated VCG			
Flotation date 01/08/2006		SG	
FFM 0.999	FF 1.008	SFFP 0.520	
FAM 0.840	FA 0.845	SAFP 8.260	
LCF from stem on CL / on sheer		5.009 / 5.282	
Maximum beam station from stem		5.622	
RM Measured		82.0kg-m	
RM Default		79.6kg-m	
Limit of positive stability / Stab.Index		104.6° / 102.5	
Freeboard at mast at 3.600		0.909	



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2020
Measurements
Datasheet

MIZZEN RIG AND SAILS	
N/A	

PROPELLER			
Installation Shaft exposed	PRD 0.425		
Type Solid 3 blades	PBW 0.140		
Twin Screw No	PIPA 0.0279		
PSA 25.000	PHL 0.650	ST3 0.100	ESL 0.902
PSD 0.025	ST1 0.028	ST4 0.062	
PHD 0.038	ST2 0.100	ST5 0.502	

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COMMENTS	

MOVABLE BALLAST	
N/A	

CENTERBOARD	
N/A	

SAILS INVENTORY																
MAINSAIL (1)																
Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
1	0.14	0.52	0.92	1.69	2.32	17.76		27/03/2010		Dacron						
HEADSAILS (1)																
Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	OvrI/p	Area	Btn	Flying	Measurer	Meas.Date	Manufacture	Material	Comment
1	0.03	0.54	1.08	2.25	3.49	4.66	11.00	129%	25.23		No		27/03/2010		Dacron	
SYMMETRIC SPINNAKERS (0)																
Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
ASYMMETRIC SPINNAKERS (1)																
Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment				
1	10.70	10.30	10.50	5.88	6.15	51.93	asym		18/04/2016	KAKITSIS	Unknown					

2020

ORC Club Certificate Appendix

BOAT	
Name	EVITA K
Sail Nr	GRE-1192
Certificate Number	00475
Issued On	26/08/2020

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1499.8	1209.2	1056.7	956.2	885.3	846.2	844.7
52°	949.9	779.1	686.7	622.1	583.9	565.9	560.3
60°	880.6	731.4	645.5	590.0	561.5	546.8	538.4
75°	835.9	696.3	612.5	567.8	544.9	530.3	511.8
90°	809.3	659.9	576.1	541.1	523.9	515.9	499.1
110°	794.9	648.0	568.0	533.8	511.4	491.0	462.9
120°	826.1	668.5	578.9	539.1	515.6	494.2	455.2
135°	924.8	734.3	624.2	561.8	531.4	509.0	466.3
150°	1077.9	834.9	701.5	611.4	559.5	531.9	490.4
Run VMG	1244.7	963.8	806.7	701.8	623.9	570.0	518.3
Selected Courses							
Windward / Leeward	1372.2	1086.5	931.7	829.0	754.6	708.1	681.5
Circular Random	1117.9	886.1	757.3	679.5	630.5	599.3	566.6
Coastal / Long Distance	1359.5	1013.9	827.5	707.3	637.2	591.6	533.6
Non Spinnaker	1202.0	945.7	801.5	713.1	656.6	620.1	580.7

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	46.5°	45.0°	43.9°	43.5°	43.5°	42.8°	43.1°
Beat VMG	2.40	2.98	3.41	3.76	4.07	4.25	4.26
52°	3.79	4.62	5.24	5.79	6.17	6.36	6.43
60°	4.09	4.92	5.58	6.10	6.41	6.58	6.69
75°	4.31	5.17	5.88	6.34	6.61	6.79	7.03
90°	4.45	5.46	6.25	6.65	6.87	6.98	7.21
110°	4.53	5.56	6.34	6.74	7.04	7.33	7.78
120°	4.36	5.38	6.22	6.68	6.98	7.29	7.91
135°	3.89	4.90	5.77	6.41	6.77	7.07	7.72
150°	3.34	4.31	5.13	5.89	6.43	6.77	7.34
Run VMG	2.89	3.74	4.46	5.13	5.77	6.32	6.95
Gybe Angles	148.0°	150.5°	154.0°	156.0°	174.0°	180.0°	180.0°