

BOAT Name Odessos 25 Sail Nr BUL-1	GPH 738.2	HULL Length Overall 7.650m Maximum Beam 2.756m Displacement 1,253kg Draft 1.483m IMS Reg. Division Sportboat Dynamic Allowance 0.092% Fwd Accommodation No Hull Construction Cored Carbon Rudder No Crew Arm Extension
GENERAL Class Peterson 25 Designer Doug Peterson Builder Odessos Rigging Series 05/1976 Age 12/2018 Age Allowance 0.487% Offset File Peterson25.off - 14/02/2019 15:40:02 Measurement by - 04/02/2019		IMSLS 6.011m VCGD 0.038m Sink 7.49kg/mm RL 6.572m VCGM 0.075m WS 10.25m² LSM0 5.994m Displacement/Length ratio 5.8184



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SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	716.9			790.9		
Time on Time	0.8369			0.8535		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	832.1	658.1	592.5	1064.5	791.0	704.7
Time on Time	0.8112	1.0257	1.1392	0.6341	0.8534	0.9578

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1118.0	940.2	850.4	823.7	817.0	816.4	825.5
52°	744.7	649.6	617.2	601.1	594.4	591.4	591.3
60°	709.3	633.5	604.4	584.5	574.3	569.2	568.4
75°	689.1	625.0	592.3	566.1	547.5	537.7	531.1
90°	697.7	627.1	592.8	561.6	533.9	513.7	492.2
110°	767.0	649.7	606.4	572.8	541.2	512.9	461.4
120°	811.0	677.7	621.8	587.5	554.8	525.9	469.2
135°	926.3	753.9	656.9	613.0	580.4	549.4	495.1
150°	1073.2	849.4	718.0	644.0	605.8	574.1	518.2
Run VMG	1236.8	963.4	805.1	699.1	638.1	602.7	543.8

Certificate
Number **066/19**
ORC Ref **BUL10026391**
Issued On **04/09/2019**
VPP Ver. **2019 1.01**
Valid until **31/12/2019**

Crew Weight
Default **332kg**
Maximum **425kg**
Minimum* **319kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Double H.GPH	756.2	0.7935
Double H.OSN	739.6	0.8113
Non Spin GPH	738.2	0.8128
Non Spin OSN	716.9	0.8369

Selected Courses							
Windward / Leeward	1177.4	951.8	827.8	761.4	727.5	709.5	684.7
Circular Random	1002.8	815.9	717.1	660.5	625.9	603.1	573.0
Coastal / Long Distance	1183.3	900.8	757.9	680.5	639.2	605.8	546.6
Non Spinnaker	1002.8	815.9	717.1	660.5	625.9	603.1	573.0

Sails Limitations

Headsails	Spinnakers
5	0

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	40.9°	40.2°	37.4°	36.3°	36.3°	36.4°	38.0°
Beat VMG	3.22	3.83	4.23	4.37	4.41	4.41	4.36
52°	4.83	5.54	5.83	5.99	6.06	6.09	6.09
60°	5.08	5.68	5.96	6.16	6.27	6.32	6.33
75°	5.22	5.76	6.08	6.36	6.58	6.69	6.78
90°	5.16	5.74	6.07	6.41	6.74	7.01	7.31
110°	4.69	5.54	5.94	6.29	6.65	7.02	7.80
120°	4.44	5.31	5.79	6.13	6.49	6.85	7.67
135°	3.89	4.77	5.48	5.87	6.20	6.55	7.27
150°	3.35	4.24	5.01	5.59	5.94	6.27	6.95
Run VMG	2.91	3.74	4.47	5.15	5.64	5.97	6.62
Gybe Angles	154.6°	166.4°	171.1°	174.8°	179.1°	179.6°	179.4°

Class Division Length
CDL = **6.292**

Storm Sails Areas
Heavy Weather Jib **10.02**
Storm Jib (JL=5.60) **3.71**
Storm Trysail **5.32**

Owner

BOAT	
Name Odessos 25	Sail Nr BUL-1
File BUL1	Data in meters/kilograms

RIG	
Forestay Tension Aft	Spreaders 2
Inner Stay None Fitted	Runners 1
Carbon Mast No	Jumper Struts None
Taper Hollows No	Jib Furler No
Fiber Rigging No	Main Furler No
Lenticular Rigging No	Without Backstay No
Articulated Bowsprit No	
P 9.200	E 3.300 MDT1 0.075 MW 0.116
IG 8.564	J 2.620 MDL1 0.116 GO 0.131
ISP 8.648	SFJ 0.145 MDT2 0.070 BD 0.110
BAS 1.106	SPL 2.660 MDL2 0.067 MWT
FSP 0.060	TPS TL 1.400 MCG

INCLINING TEST AND FREEBOARDS			
Inclining Test Current Inclining		Flotation date 04/02/2019 SG 1.0116	
FFM 0.908	FF 0.911	SFFP 0.556	
FAM 0.848	FA 0.850	SAFP 6.920	
W1 40.0	PD1 392.0	WD 5.600	
W2 40.0	PD2 392.0	GSA 28.3	
W3 40.0	PD3 392.0	RSA 18800.	
W4 40.0	PD4 392.0	PLM 2000.0	
LCF from stem on CL / on sheer		4.051 / 4.256	
Maximum beam station from stem		4.510	
RM Measured		20.0kg-m	
RM Default		23.0kg-m	
Limit of positive stability / Stab.Index		110.7° / 102.5	
Freeboard at mast at 2.765		0.862	



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MIZZEN RIG AND SAILS	
N/A	

PROPELLER	
Type No Propeller	

Certificate	
Number 066/19	
ORC Ref BUL10026391	
Issued On 04/09/2019	
VPP Ver. 2019 1.01	
Valid until 31/12/2019	

COMMENTS	
Mobile: +359888504046	

MOVABLE BALLAST	
N/A	

CENTERBOARD	
N/A	

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SAILS (Maximum Areas)									
Mainsail	MHB	MUW	MTW	MHW	MQW	Area	Area (r)	Formula	
	0.170	0.70	1.24	2.11	2.79	18.11	18.49	P/8 · (E + 2·MQW+ 2·MHW + 1.5·MTW + MUW + 0.5·MHB)	
Symmetric									
Not Available									
Asymmetric									
Not Available									

HEADSAILS												
Area = 0.1125·HLU · (1.445·HLP + 2·HQW + 2·HHW + 1.5·HTW + HUW + 0.5·HHB)												
HHB	HUW	HTW	HHW	HQW	HLP	HLU	Area	Btn	Fly	Meas.Date	Material	Comment
0.08	0.51	0.91	1.92	2.92	3.95	8.70	16.94			04/02/2019	Dacron	

MEASUREMENT INVENTORY				
Measurer				
Date 04/02/2019				
Comment				
<i>Id</i>	<i>Item</i>	<i>Weight</i>	<i>Distance</i>	<i>VCG Description</i>
<i>Id</i>	<i>Item</i>	<i>Weight Description</i>		

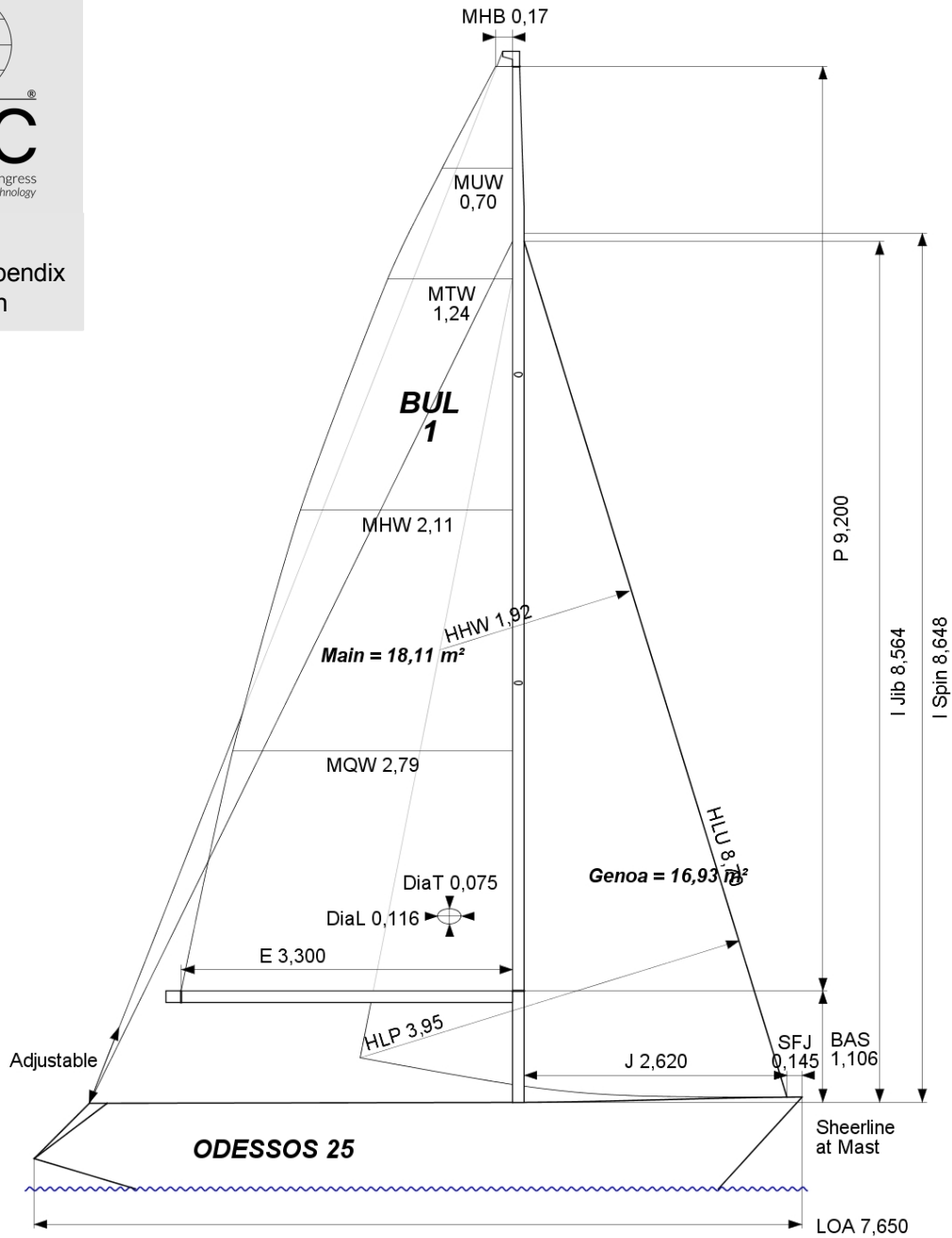
MEASUREMENT INVENTORY				
<i>Id</i>	<i>Item</i>	<i>Weight</i>	<i>Distance</i>	<i>VCG Description</i>
1	Battery	10.0	4.74	Battery
1	Misc	3.0	1.80	Chemical Toilet



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Sail Plan



SAILS INVENTORY

MAINSAIL (1)

Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment
1	0.17	0.70	1.24	2.11	2.79	18.11		04/02/2019	OneSails	Dacron	

HEADSAILS (1)

Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
1	0.08	0.51	0.91	1.92	2.92	3.95	8.70	151%	16.94				04/02/2019	OneSails	Dacron	

SYMMETRIC SPINNAKERS (0)

Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment
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ASYMMETRIC SPINNAKERS (0)

Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment
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