



Certificate
 Number **001214**
 Issued On **11/5/2017**
 ORC Ref **GRE01007476**
 VPP Ver. **2017 1.00**
 Valid until **28/2/2018**

Crew Weight
 Declared **795kg**
 Default* **795kg**
 Non Manual Pwr **No**

Special Scoring
 ToD ToT
 Non Spin GPH **743,8 0,8067**
 Non Spin OSN **716,4 0,8375**

Sails Limitations
 Headsails **1** Spinnakers **0**
Dacron Sails
 Spinnaker configuration
 Symmetric: **No**
 Asymmetric: **No**
 Flying H/S: **No**
 Spin. Pole: **No**

Class Division Length
 CDL = **8,558**

Stability (Estimated)
 Limit Positive Stab.: **101,6°**
 Stability Index: **105,5**

Owner

BOAT Name UTOPIA Sail Nr GRE-1759	GPH 743,8	HULL Data File GR1759 LOA 11,990m Offset File GR0062.BOF MB 3,922m Displacement 8.500kg Draft 1,722m
CLASS Class OCEANIS 400 CC Designer FINOT Builder BENETEAU Series 01/1995 Age Date Age Allowance 0,487%		IMS Division Cruiser/Racer Dynamic All. 0,426% Fwd Accom. Yes Construction Solid Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No Light Stanchions No
COMMENTS		IMSL 11,019m VCGD 0,404m Sink 24,93kg/mm RL 6,096m VCGM 0,252m WS 33,31m² LSM0 11,059m Displacement/Length ratio 6,2845
PROPELLER Installation Shaft non exposed PRD 0,520 Type Solid 3 blades PIPA 0,0162		Water Ballast 0 Trim Tab No
		CENTERBOARD N/A

SCORING OPTIONS	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
	Time On Distance	716,4			808,5	
Time On Time	0,8375			0,8349		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	916,7	646,0	533,9	1210,5	823,3	652,7
Time on Time	0,7363	1,0449	1,2643	0,5576	0,8199	1,0342

BOAT	
Name UTOPIA	Sail Nr GRE-1759
File GR1759	Data in meters/kilograms

INCLINING TEST AND FREEBOARDS			
Inclining Test Club Estimated VCG			
Flotation date 17/04/2017		SG	
FFM	FF 1,265	SFFP	1,000
FAM	FA 1,016	SAFP	10,880
LCF from stem on CL / on sheer		6,696 / 6,984	
Maximum beam station from stem		7,270	
RM Measured		183,4kg·m	
RM Default		180,4kg·m	
Limit of positive stability / Stab.Index		101,6° / 105,5	
Freeboard at mast at 4,515		1,146	

RIG			
Forestay Tension Fixed	Spreaders 2		
Inner Stay None Fitted	Runners 0		
Carbon Mast No	Jumper Struts None		
Taper Hollows No	Jib Furler Yes		
Fiber Rigging No	Main Furler Yes		
Lenticular Rigging No	Without Backstay No		
Articulated Bowsprit No			
P 12,820	E 4,785	MDT1 0,130	MW
IG 14,665	J 4,515	MDL1 0,220	GO
ISP	SFJ 0,000	MDT2	BD 0,179
BAS 1,845	SPL	MDL2	MWT
FSP 0,078	TPS	TL -3,000	MCG



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2017 Measurements Datasheet

MIZZEN RIG AND SAILS	
N/A	

PROPELLER			
Installation	Shaft non exposed	PRD	0,520
Type	Solid 3 blades	PBW	
Twin Screw	No	PIPA	0,0162
PSA	PHD	ESL	
PSD	PHL		

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COMMENTS	

MOVEABLE BALLAST	
N/A	

CENTERBOARD	
N/A	

SAILS INVENTORY																
MAINSAIL (1)																
Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
1	0,070	0,53	1,05	2,16	3,42	28,98	KALATZIS	17/04/2016	KAFETZIDA	Dacron						
HEADSAILS (1)																
Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
1	0,07	0,72	1,41	2,92	4,51	6,11	13,94	135%	41,65			KALATZIS	17/04/2016	KAFETZIDA	Dacron	
SYMMETRIC SPINNAKERS (0)																
Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
ASYMMETRIC SPINNAKERS (0)																
Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment				



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2017

ORC Club Certificate Appendix

BOAT	
Name	UTOPIA
Sail Nr	GRE-1759
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TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1358,5	1086,5	943,3	855,3	792,0	750,4	725,3
52°	855,8	693,7	606,9	549,4	513,3	494,0	482,9
60°	785,5	645,6	565,7	515,9	490,0	475,5	464,5
75°	729,7	606,1	531,7	492,8	473,4	460,5	441,7
90°	731,1	606,6	531,7	491,3	470,8	457,1	430,5
110°	825,9	661,4	570,4	511,2	480,5	462,5	433,8
120°	888,7	701,9	600,2	531,2	491,0	469,4	440,1
135°	1021,6	787,7	661,3	581,3	523,8	489,5	455,1
150°	1201,3	910,3	746,8	646,3	576,5	524,3	471,5
Run VMG	1368,1	1029,2	834,4	711,9	629,2	567,5	490,5

Selected Courses							
Windward / Leeward	1363,3	1057,9	888,9	783,6	710,6	658,9	607,9
Circular Random	1083,0	850,0	718,6	637,6	585,0	550,0	508,7
Ocean for PCS	1349,0	1008,2	812,0	689,6	609,2	553,9	483,2
Non Spinnaker	1083,0	850,0	718,6	637,6	585,0	550,0	508,7

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	46,7°	45,5°	44,6°	44,6°	45,0°	44,3°	43,3°
Beat VMG	2,65	3,31	3,82	4,21	4,55	4,80	4,96
52°	4,21	5,19	5,93	6,55	7,01	7,29	7,45
60°	4,58	5,58	6,36	6,98	7,35	7,57	7,75
75°	4,93	5,94	6,77	7,31	7,60	7,82	8,15
90°	4,92	5,93	6,77	7,33	7,65	7,88	8,36
110°	4,36	5,44	6,31	7,04	7,49	7,78	8,30
120°	4,05	5,13	6,00	6,78	7,33	7,67	8,18
135°	3,52	4,57	5,44	6,19	6,87	7,35	7,91
150°	3,00	3,95	4,82	5,57	6,24	6,87	7,64
Run VMG	2,63	3,50	4,31	5,06	5,72	6,34	7,34
Gybe Angles	168,8°	169,3°	170,0°	171,0°	171,8°	172,1°	175,3°