

BOAT Name BOLD Sail Nr TUR-1040	GPH 531.5	HULL Length Overall 10.970m Maximum Beam 3.464m Displacement 3,650kg Draft 2.587m Plan Review IMS Reg. Division Performance Dynamic Allowance 0.000% Hull Construction Cored Carbon Rudder Yes Crew Arm Extension IMSL 10.332m VCGD -0.577m Sink 16.90kg/mm RL 11.018m VCGM -0.574m WS 22.87m² LSM0 9.799m Displacement/Length ratio 3.8792
GENERAL Class BOLT 37 Designer JASON KER Builder CSC COMPOSITES Series 01/2013 Age 01/2014 Age Allowance 0.228% Offset File BOLD_s17.off - 16/06/2017 16:06:54 Measurement by - 01/06/2016		



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SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	520.1			589.0		
Time on Time	1.1537			1.1461		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	595.5	477.1	418.5	774.5	593.8	515.2
Time on Time	1.1335	1.4148	1.6128	0.8715	1.1367	1.3102

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	879.3	721.7	658.8	636.1	625.8	614.1	607.8
52°	568.0	493.1	468.8	458.0	451.8	447.7	435.7
60°	529.2	475.3	456.0	441.5	433.0	428.0	413.9
75°	500.8	458.3	430.9	415.8	403.8	395.7	386.3
90°	490.7	450.5	419.3	392.7	377.1	364.9	350.0
110°	499.5	450.9	411.4	381.0	361.2	343.7	302.1
120°	520.0	461.5	421.2	382.7	349.8	325.4	291.5
135°	601.8	489.8	446.7	406.1	366.1	327.4	274.7
150°	722.9	573.6	492.7	451.2	418.0	381.1	300.5
Run VMG	834.8	662.3	569.5	521.3	482.6	440.0	347.0

Selected Courses							
Windward / Leeward	857.1	692.0	614.2	578.7	554.2	527.0	477.4
Circular Random	719.4	587.3	517.2	475.8	448.1	426.9	392.6
Coastal / Long Distance	854.8	651.6	555.6	499.6	463.6	429.4	371.9
Non Spinnaker	802.6	646.1	561.2	510.5	477.7	454.5	421.5

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	42.0°	40.5°	38.3°	36.8°	36.4°	35.6°	35.8°
Beat VMG	4.09	4.99	5.46	5.66	5.75	5.86	5.92
52°	6.34	7.30	7.68	7.86	7.97	8.04	8.26
60°	6.80	7.57	7.89	8.15	8.31	8.41	8.70
75°	7.19	7.86	8.35	8.66	8.92	9.10	9.32
90°	7.34	7.99	8.59	9.17	9.55	9.87	10.28
110°	7.21	7.98	8.75	9.45	9.97	10.47	11.91
120°	6.92	7.80	8.55	9.41	10.29	11.06	12.35
135°	5.98	7.35	8.06	8.87	9.83	11.00	13.10
150°	4.98	6.28	7.31	7.98	8.61	9.45	11.98
Run VMG	4.31	5.44	6.32	6.91	7.46	8.18	10.38
Gybe Angles	142.0°	144.0°	150.5°	151.5°	148.3°	145.5°	143.3°

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Number **088/20**
ORC Ref **02920000RFO**
Issued On **03/10/2020**
VPP Ver. **2020 1.02**
Valid until **31/12/2020**

Crew Weight

Default **669kg**
Maximum **710kg**
Minimum* **533kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

ToD	ToT
Non Spin GPH 578.3	1.0375
Non Spin OSN 564.0	1.0637

Sails Limitations

Headsails	Spinnakers
6	4

Class Division Length

CDL = **10.667**

Storm Sails Areas

Heavy Weather Jib **29.67**
Storm Jib (JL=9.64) **10.99**
Storm Trysail **12.72**

Owner

BOAT	
Name BOLD	Sail Nr TUR-1040
File TUR1040	Data in meters/kilograms

RIG	
Forestay Tension Aft	Spreaders 2
Inner Stay None Fitted	Runners/Checkstays 0
Carbon Mast Yes	Jib Furler No
Fiber Rigging No	Main Furler No
Non-Circular Rigging No	
Articulated Bowsprit No	
P 15.260	E 4.760 MDT1 0.125 MW 0.170
IG 14.695	J 4.350 MDL1 0.192 GO 0.208
ISP 17.001	SFJ 0.000 MDT2 0.100 BD 0.265
BAS 1.507	SPL MDL2 0.120 MWT
FSD 0.035	TPS 5.865 TL 1.829 MCG

INCLINING TEST AND FREEBOARDS			
Inclining Test Current Inclining			
Flotation date 19/05/2017		SG 1.0282	
FFM 1.129	FF 1.127	SFFP 0.500	
FAM 0.857	FA 0.859	SAFP 10.912	
W1 78.4	PD1 527.4	WD 9.760	
W2 78.4	PD2 528.4	GSA 1.0	
W3 78.4	PD3 527.3	RSA 1.0	
W4 78.4	PD4 527.4	PLM 9000.0	
LCF from stem on CL / on sheer		5.849 / 6.076	
Maximum beam station from stem		7.590	
RM Measured		114.2kg-m	
RM Default		104.2kg-m	
Limit of positive stability / Stab.Index		136.7° / 132.0	
Freeboard at mast at 4.350		1.041	



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MIZZEN RIG AND SAILS	
N/A	

PROPELLER			
Installation Strut	PRD 0.400		
Type Folding 2 blades	PBW 0.102		
Twin Screw No	PIPA 0.0033		
ST1 0.040	ST3 0.180	ST5 0.234	
ST2 0.180	ST4 0.110	EDL 1.155	

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COMMENTS	

MOVABLE BALLAST	
N/A	

CENTERBOARD	
N/A	



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SAILS (Maximum Areas)									
Mainsail	MHB	MUW	MTW	MHW	MQW	Area	Area (r)	Formula	
	0.96	1.47	2.12	3.23	4.06	46.68	47.60	P/8 · (E + 2·MQW+ 2·MHW + 1.5·MTW + MUW + 0.5·MHB)	
Symmetric Not Available									
Asymmetric on centerline	SLU	SLE	SL	SHW	SFL			AS · (SFL + 4·SHW) / 6	
	18.60	16.30	17.45	9.95	9.25	142.65			

HEADSAILS												
Area = 0.1125·HLU · (1.445·HLP + 2·HQW + 2·HHW + 1.5·HTW + HUW + 0.5·HHB), HS flying rated area = 49.86												
HHB	HUW	HTW	HHW	HQW	HLP	HLU	Area	Btn	Flying	Meas.Date	Material	Comment
0.06	0.60	1.13	2.06	2.72	3.24	13.70	25.54	Yes	31/05/2016	Unknow		
	0.67	1.26	2.34		4.54	14.57	33.93	No	01/01/2017	Unknow		

MEASUREMENT INVENTORY				
Measurer GRE7,116				
Date 19/05/2017				
Comment				
Internal Ballast total = 0.0				
Id	Item	Weight	Distance	VCG Description
Id	Item	Weight Description		

MEASUREMENT INVENTORY								
Id	Item	Tank Use	Tank Type	Capcty	Dist.	VCG	Condtn	Description
1	Tank FUEL		PVC hard	20.0	7.55	0.00	0-0	
2	Tank WATER		BAG	20.0	4.35	0.00	0-0	
Id	Item	Weight	Distance	VCG Description				
1	Battery	15.0	7.05	-0.15 BATTERY 80 Ah				
2	Battery	15.0	6.70	-0.15 BATTERY 95 Ah				

