

BOAT		GPH	HULL					
Name ALBIINO		726.2	Length Overall 7.798m					
Sail Nr FIN-691			Maximum Beam 2.524m					
GENERAL			Displacement 1 842kg					
			Draft 1.436m					
			Plan Review					
			IMS Reg. Division Sportboat					
			Dynamic Allowance 0.192%					
			Hull Construction Solid					
			Carbon Rudder No					
			Crew Arm Extension					
			IMSL	6.984m	VCGD	-0.035m	Sink	9.28kg/mm
			RL	6.115m	VCGM	-0.004m	WS	12.72m²
			LSM0	6.878m	Displacement/Length ratio			5.6611



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SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	706.9			787.9		
Time on Time	0.8488			0.8567		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	823.5	645.3	582.6	1064.0	787.5	699.0
Time on Time	0.8197	1.0461	1.1585	0.6344	0.8571	0.9656

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1224.5	1023.5	906.3	853.9	842.9	842.9	845.0
52°	799.4	678.6	622.7	600.5	593.3	590.8	587.7
60°	755.7	648.3	606.3	585.8	576.0	572.4	569.7
75°	725.4	628.3	593.1	571.3	554.1	542.8	536.9
90°	716.6	613.4	576.0	558.0	544.3	524.1	500.2
110°	710.9	606.4	567.4	534.9	508.1	492.2	470.2
120°	734.0	617.0	573.5	540.2	507.4	479.5	444.8
135°	814.5	670.8	595.8	562.1	529.3	497.2	434.9
150°	968.3	770.5	652.3	591.6	560.8	530.4	472.1
Run VMG	1118.1	889.8	749.2	655.4	599.6	568.0	510.7
Selected Courses							
Windward / Leeward	1171.3	956.7	827.7	754.7	721.2	705.5	677.9
Circular Random	990.6	803.9	705.0	648.5	614.6	592.7	564.3
Coastal / Long Distance	1166.0	897.8	749.6	667.9	627.4	593.9	536.5
Non Spinnaker	1059.8	852.7	741.5	677.7	639.3	615.0	584.5

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	42.8°	42.0°	40.9°	39.4°	39.2°	39.4°	40.3°
Beat VMG	2.94	3.52	3.97	4.22	4.27	4.27	4.26
52°	4.50	5.31	5.78	6.00	6.07	6.09	6.13
60°	4.76	5.55	5.94	6.15	6.25	6.29	6.32
75°	4.96	5.73	6.07	6.30	6.50	6.63	6.70
90°	5.02	5.87	6.25	6.45	6.61	6.87	7.20
110°	5.06	5.94	6.34	6.73	7.09	7.31	7.66
120°	4.90	5.83	6.28	6.66	7.09	7.51	8.09
135°	4.42	5.37	6.04	6.40	6.80	7.24	8.28
150°	3.72	4.67	5.52	6.09	6.42	6.79	7.63
Run VMG	3.22	4.05	4.80	5.49	6.00	6.34	7.05
Gybe Angles	148.0°	152.0°	153.0°	170.0°	180.0°	180.0°	180.0°

Rating Office

Certificate	
Number 00691E	
ORC Ref N/A	
Issued On 14.01.2020	
VPP Ver. 2020 1.00	
Invalid for Racing	
Crew Weight	
Default	404kg
Maximum	350kg
Minimum*	263kg
*when applied by the NoR and SI	
Non Manual Pwr	No
Special Scoring	
ToD	ToT
Non Spin GPH 765.2	0.7841
Non Spin OSN 738.3	0.8127
Sails Limitations	
Headsails	Spinnakers
5	4

Class Division Length	
CDL = 6.545	
Storm Sails Areas	
Heavy Weather Jib	10.87
Storm Jib (JL=5.84)	4.03
Storm Trysail	5.57
Owner	

BOAT										INCLINING TEST AND FREEBOARDS															
Name ALBIINO					Sail Nr FIN-691					Inclining Test Current Inclining															
File L-0691E					Data in meters/kilograms					Flotation date 22.04.1990					SG 1.0050										
RIG										FFM 0.965 FF 0.979 SFFP 0.426 FAM 0.780 FA 0.790 SAFF 7.503															
Forestay Tension Fixed Spreaders 1 Inner Stay None Fitted Runners/Checkstays 0 Carbon Mast No Jib Furler No Fiber Rigging No Main Furler No Non-Circular Rigging No Articulated Bowsprit										W1 5.3 PD1 37.0 WD 8.450 W2 10.0 PD2 72.0 GSA 12.0 W3 14.5 PD3 110.0 RSA 4000.0 W4 20.2 PD4 144.0 PLM 1500.0															
P 9.500 E 3.350 MDT1 0.090 MW 0.130 IG 8.970 J 3.050 MDL1 0.130 GO 0.130 ISP 8.970 SFJ 0.000 MDT2 0.090 BD 0.092 BAS 1.170 SPL 3.100 MDL2 0.130 MWT 39.20 FSD 0.000 TPS TL 0.000 MCG 4.006										LCF from stem on CL / on sheer 4.322 / 4.484 Maximum beam station from stem 4.626 RM Measured 31.0kg·m RM Default 32.6kg·m Limit of positive stability / Stab.Index 116.2° / 112.8 Freeboard at mast at 3.050 0.875															
MIZZEN RIG AND SAILS										PROPELLER															
N/A										Type No Propeller															
COMMENTS										MOVABLE BALLAST															
EXPRESS CLASS DATA										N/A															
										CENTERBOARD															
										N/A															
SAILS (Maximum Areas)																									
Mainsail						MHB		MUW		MTW		MHW		MQW		Area		Area (r)		Formula					
						0.14		0.72		1.25		2.08		2.80		18.73		19.09		P/8 · (E + 2·MQW + 2·MHW + 1.5·MTW + MUW + 0.5·MHB)					
Symmetric						SLU		SLE		SL		SHW		SFL		42.87				SL · (SFL + 4·SHW) / 6					
						9.00		9.00		9.00		5.75		5.58											
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		Flying		Meas.Date		Material		Comment	
										3.20		0.00		15.44				No						* Copied from legacy *	



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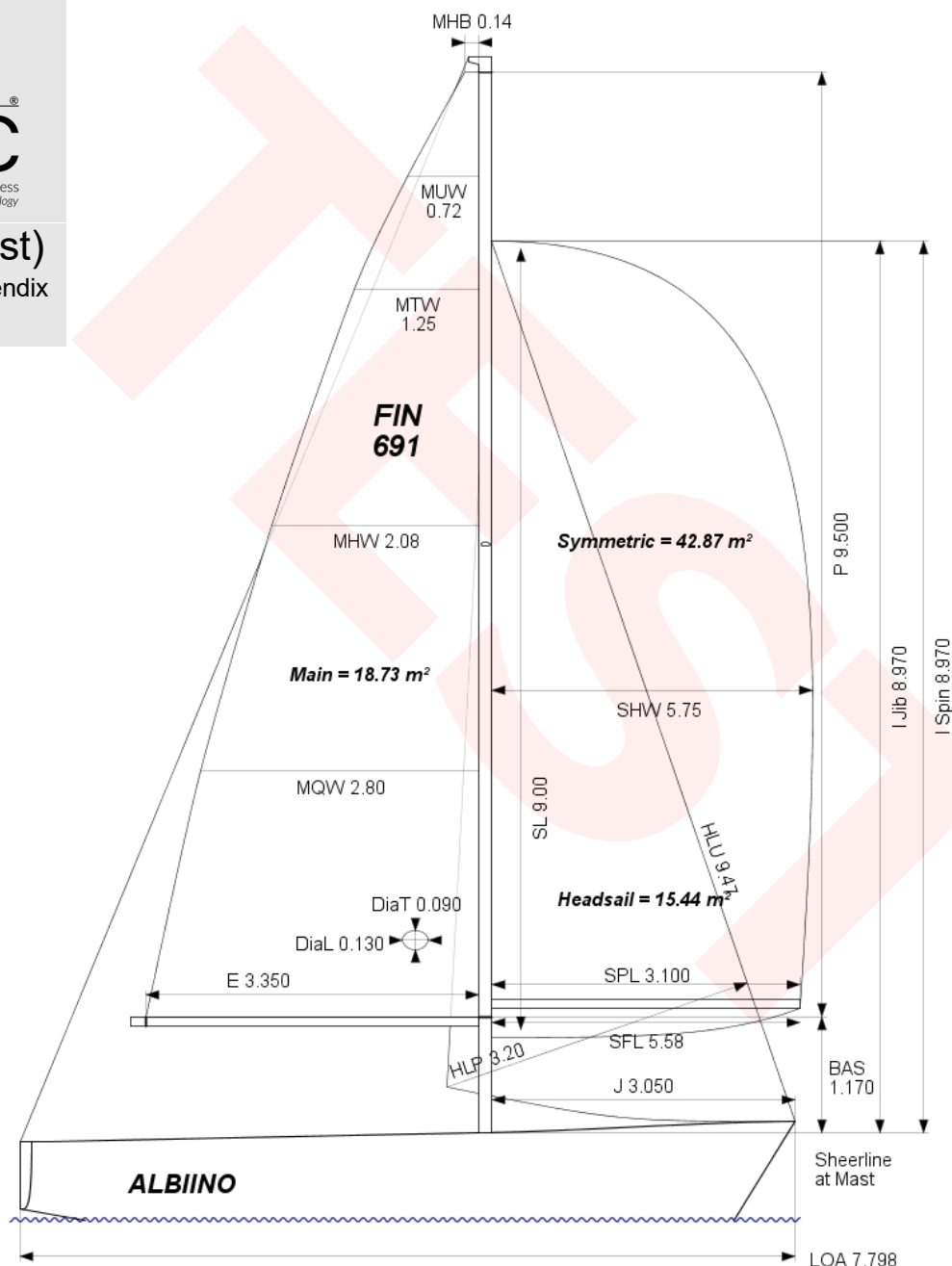
Number **00691E**
ORC Ref **N/A**
Issued On **14.01.2020**
VPP Ver. **2020 1.00**
Invalid for Racing



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Sail Plan



SAILS INVENTORY

MAINSAIL (1)

Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment
ORC	0.14	0.72	1.25	2.08	2.80	18.74					* Copied from legacy

HEADSAILS (1)

Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Flying	Measurer	Meas.Date	Manufacture	Material	Comment
ORC						3.20	0.00	105%	15.44		No					* Copied from

SYMMETRIC SPINNAKERS (1)

Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment
ORC	9.00	9.00	9.00	5.75	0.00	42.87					* Copied from legacy *

ASYMMETRIC SPINNAKERS (0)

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