

BOAT
Name SLY Sail Nr 93664

GPH
553.5

HULL
Length Overall 13.305m
Maximum Beam 4.054m
Displacement 9,651kg
Draft 2.348m
Plan Review
IMS Reg. Division Cruiser/Racer
Dynamic Allowance 0.123%
Hull Construction Cored
Carbon Rudder No
Crew Arm Extension
IMSL 12.375m VCGD -0.085m Sink 27.62kg/mm
RL 10.442m VCGM -0.073m WS 37.17m²
LSM0 12.176m Displacement/Length ratio 5.3464



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GENERAL
Class Xp 44
Designer JEPPESEN
Builder X YACHTS
Series 12/2010
Age 07/2016
Age Allowance 0.325%
Offset File xp44sd.off - 10/05/2017 17:47:24
Measurement by - 17/03/2016

Rating Office

Offshore
Racing
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SCORING OPTIONS	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	538.7			603.9		
Time on Time	1.1138			1.1178		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	632.0	490.6	438.9	818.7	605.6	529.2
Time on Time	1.0681	1.3758	1.5379	0.8245	1.1146	1.2756



TIME ALLOWANCES	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Wind Velocity							
Beat VMG	958.5	785.1	692.5	653.5	637.8	631.2	616.8
52°	621.6	519.8	468.9	450.4	443.7	440.5	434.0
60°	584.3	494.3	453.9	437.6	430.8	427.2	422.5
75°	555.3	476.4	443.7	426.6	415.0	407.4	400.9
90°	559.5	469.0	442.5	424.6	409.4	395.1	374.4
110°	547.1	458.3	426.1	408.7	397.0	384.6	363.2
120°	559.5	464.3	428.5	405.2	383.5	369.2	345.4
135°	619.0	501.2	446.0	419.5	395.6	370.9	322.7
150°	734.3	591.8	499.6	448.0	422.5	400.3	354.9
Run VMG	847.9	683.3	576.9	511.6	471.6	439.1	395.6

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Number **US6008**
ORC Ref **5341000020D**
Issued On **02/06/2020**
VPP Ver. **2020 1.02**
Valid until **31/12/2020**

Selected Courses	903.2	734.2	634.7	582.5	554.7	535.1	506.2
Windward / Leeward							
Circular Random	760.0	614.4	537.0	492.5	465.3	446.9	421.3
Coastal / Long Distance	897.7	688.3	572.4	508.9	475.4	448.7	403.6
Non Spinnaker	834.3	666.6	575.2	521.4	487.9	465.7	437.3

Crew Weight

Default 912kg
Maximum **912kg**
Minimum* **684kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Velocity Prediction in Knots for True Wind Speeds	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Wind Velocity							
Beat Angles	43.5°	42.0°	41.3°	40.1°	39.4°	39.4°	39.7°
Beat VMG	3.76	4.59	5.20	5.51	5.64	5.70	5.84
52°	5.79	6.93	7.68	7.99	8.11	8.17	8.30
60°	6.16	7.28	7.93	8.23	8.36	8.43	8.52
75°	6.48	7.56	8.11	8.44	8.68	8.84	8.98
90°	6.43	7.68	8.13	8.48	8.79	9.11	9.62
110°	6.58	7.86	8.45	8.81	9.07	9.36	9.91
120°	6.43	7.75	8.40	8.88	9.39	9.75	10.42
135°	5.82	7.18	8.07	8.58	9.10	9.71	11.16
150°	4.90	6.08	7.21	8.04	8.52	8.99	10.14
Run VMG	4.25	5.27	6.24	7.04	7.63	8.20	9.10
Gybe Angles	143.0°	146.0°	148.5°	155.0°	164.0°	180.0°	180.0°

Special Scoring

ToD	ToT
Non Spin GPH 594.0	1.0101
Non Spin OSN 578.0	1.0380

Sails Limitations	
Headsails 6	Spinnakers 4

Class Division Length

CDL = **11.402**

Storm Sails Areas

Heavy Weather Jib **45.30**
Storm Jib (JL=11.91) **16.78**
Storm Trysail **18.68**

Owner

BOAT	
Name SLY	Sail Nr 93664
File US6008	Data in meters/kilograms

RIG	
Forestay Tension Aft	Spreaders 2
Inner Stay None Fitted	Runners/Checkstays 0
Carbon Mast Yes	Jib Furler
Fiber Rigging No	Main Furler No
Non-Circular Rigging No	
Articulated Bowsprit No	

P 17.923	E 5.955	MDT1 0.134	MW 0.262
IG 18.250	J 4.971	MDL1 0.262	GO 0.280
ISP 19.720	SFJ 0.285	MDT2 0.119	BD 0.305
BAS 1.795	SPL 5.846	MDL2 0.193	MWT 259.40
FSD 0.040	TPS 5.846	TL 1.180	MCG 6.201

INCLINING TEST AND FREEBOARDS			
Inclining Test Current Inclining			
Flotation date 17/03/2016		SG 1.0100	
FFM 1.484	FF 1.491	SFFP 0.744	
FAM 1.206	FA 1.210	SAFP 13.259	
W1 115.6	PD1 438.1	WD 12.235	
W2 115.6	PD2 438.1	GSA 1.0	
W3 115.6	PD3 438.1	RSA 1.0	
W4 115.6	PD4 438.1	PLM 9000.0	
LCF from stem on CL / on sheer		7.425 / 7.683	
Maximum beam station from stem		9.119	
RM Measured		254.2kg-m	
RM Default		263.6kg-m	
Limit of positive stability / Stab.Index		125.1° / 130.4	
Freeboard at mast at 5.256		1.333	



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MIZZEN RIG AND SAILS	
N/A	

PROPELLER			
Installation Strut	PRD 0.430		
Type Feathering 3 blades	PBW 0.120		
Twin Screw	PIPA 0.0042		
ST1 0.050	ST3 0.180	ST5 0.320	
ST2 0.180	ST4 0.112	EDL 2.650	

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COMMENTS	

MOVABLE BALLAST	
N/A	

CENTERBOARD	
N/A	



SAILS (Maximum Areas)									
Mainsail	MHB	MUW	MTW	MHW	MQW	Area	Area (r)	Formula	
	0.08	1.37	2.32	3.78	4.90	63.19	64.38	P/8 · (E + 2·MQW+ 2·MHW + 1.5·MTW + MUW + 0.5·MHB)	
Symmetric	SLU	SLE	SL	SHW	SFL				
	20.38	20.38	20.38	10.52	10.46	178.50		SL · (SFL + 4·SHW) / 6	
Asymmetric	SLU	SLE	SL	SHW	SFL				
	21.61	18.62	20.11	10.92	11.57	185.23		AS · (SFL + 4·SHW) / 6	

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
0.08	0.72	1.38	2.60	3.85	5.14	17.72	46.16		No			2020 3diJIB

MEASUREMENT INVENTORY				
Measurer	Date	Comment		
Internal Ballast total = 0.0				
Id	Item	Weight	Distance	VCG Description
a	Anchor	0.0	0.00	
Id	Item	Weight Description		

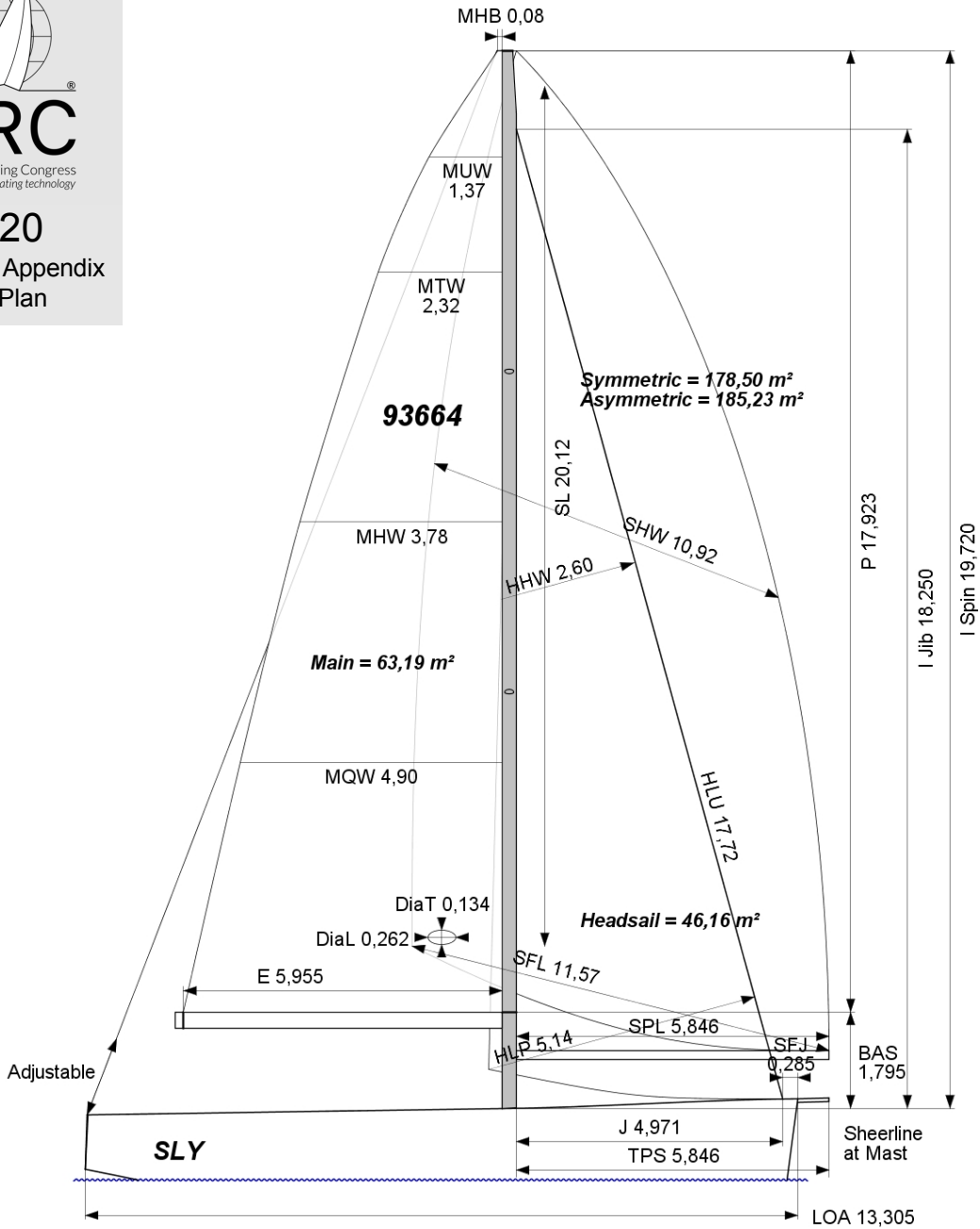
MEASUREMENT INVENTORY									
Id	Item	Tank	Use	Tank Type	Capcty	Dist.	VCG	Condtn	Description
	Tank					0.00	0.00	0-0	
Id	Item	Weight	Distance	VCG Description					



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Sail Plan



SAILS INVENTORY

MAINSAIL (1)

Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment
2956778	0.08	1.37	2.32	3.78	4.90	63.19			North Sails -		2020 3Di MAIN

HEADSAILS (1)

Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Flying	Measurer	Meas.Date	Manufacture	Material	Comment
2956788	0.08	0.72	1.38	2.60	3.85	5.14	17.72	103%	46.16		No			North Sails-		2020 3diJIB

SYMMETRIC SPINNAKERS (1)

Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment
1577482	20.38	20.38	20.38		10.46	178.50					

ASYMMETRIC SPINNAKERS (1)

Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment
1577475	21.61	18.62	20.12	10.92	11.57	185.23	asym					A1