

BOAT Name SLY Sail Nr 93664	GPH 551.8	HULL Length Overall 13.305m Maximum Beam 4.054m Displacement 9,651kg Draft 2.348m IMS Reg. Division Cruiser/Racer Dynamic Allowance 0.082% Fwd Accommodation Yes Hull Construction Cored Carbon Rudder No Crew Arm Extension
GENERAL Class Xp 44 Designer JEPPESEN Builder X YACHTS Series 12/2010 Age 07/2016 Age Allowance 0.260% Offset File xp44sd.off - 10/05/2017 17:47:24 Measurement by - 17/03/2016		IMSL 12.375m VCGD -0.085m Sink 27.62kg/mm RL 10.550m VCGM -0.073m WS 37.17m² LSM0 12.176m Displacement/Length ratio 5.3464



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SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	536.9			601.6		
Time on Time	1.1174			1.1220		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	629.7	489.1	437.9	814.2	603.4	527.5
Time on Time	1.0720	1.3800	1.5413	0.8290	1.1186	1.2795

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	946.3	776.0	686.4	650.1	634.7	628.0	613.8
52°	617.4	514.3	466.1	449.2	442.8	439.7	433.1
60°	583.1	490.1	451.7	436.5	430.1	426.6	421.7
75°	557.6	474.4	441.8	425.3	414.0	407.1	400.8
90°	559.1	468.1	441.6	423.0	407.9	394.0	374.3
110°	548.5	457.8	425.7	408.2	395.7	384.1	362.9
120°	562.0	464.2	428.2	405.0	383.3	368.9	345.2
135°	621.4	503.1	446.4	419.7	395.7	371.0	322.7
150°	736.2	592.9	500.3	448.1	422.5	400.4	355.0
Run VMG	850.1	684.6	577.7	511.6	471.4	438.9	395.6

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Number **US6008**
ORC Ref **USAX0195FTL**
Issued On **14/05/2018**
VPP Ver. **2018 1.00**
Valid until **31/12/2018**

Crew Weight

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

Special Scoring

	ToD	ToT
Non Spin GPH	591.3	1.0147
Non Spin OSN	575.0	1.0435

Selected Courses							
Windward / Leeward	898.2	730.3	632.0	580.9	553.0	533.4	504.7
Circular Random	757.7	612.4	535.3	491.2	464.1	445.9	420.5
Coastal / Long Distance	893.4	685.0	570.2	507.5	474.3	447.7	403.0
Non Spinnaker	829.9	663.2	572.6	519.5	486.6	464.9	436.7

Sails Limitations

Headsails	Spinnakers
6	4

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	43.3°	41.8°	41.0°	40.0°	39.3°	39.1°	39.4°
Beat VMG	3.80	4.64	5.24	5.54	5.67	5.73	5.87
52°	5.83	7.00	7.72	8.01	8.13	8.19	8.31
60°	6.17	7.35	7.97	8.25	8.37	8.44	8.54
75°	6.46	7.59	8.15	8.46	8.69	8.84	8.98
90°	6.44	7.69	8.15	8.51	8.83	9.14	9.62
110°	6.56	7.86	8.46	8.82	9.10	9.37	9.92
120°	6.41	7.76	8.41	8.89	9.39	9.76	10.43
135°	5.79	7.16	8.06	8.58	9.10	9.70	11.15
150°	4.89	6.07	7.20	8.03	8.52	8.99	10.14
Run VMG	4.23	5.26	6.23	7.04	7.64	8.20	9.10
Gybe Angles	143.6°	146.4°	148.4°	155.3°	164.1°	180.0°	180.0°

Class Division Length

CDL = 11.463

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 0
Carbon Mast Yes	Jumper Struts None
Taper Hollows No	Jib Furler
Fiber Rigging No	Main Furler No
Lenticular Rigging No	Without Backstay 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
FSP 0.080	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		265.7kg-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	



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SAILS (Maximum Areas)									
Mainsail	MHB	MUW	MTW	MHW	MQW	Area	Area (r)	Formula	
	0.160	1.29	2.26	3.87	5.01	63.79	65.00	P/8 · (E + 2·MQW + 2·MHW + 1.5·MTW + MUW + 0.5·MHB)	
Symmetric	SLU	SLE	SL	SHW	SFL	178.50		SL · (SFL + 4·SHW) / 6	
	20.38	20.38	20.38	10.52	10.46				
Asymmetric	SLU	SLE	SL	SHW	SFL	185.23		AS · (SFL + 4·SHW) / 6	
	21.61	18.62	20.11	10.92	11.57				

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
0.09	0.74	1.39	2.67	4.00	5.33	18.16	48.85	Y				2016 JIB1

MEASUREMENT INVENTORY				
Measurer	Date	Comment		
<i>Id</i>	<i>Item</i>	<i>Weight</i>	<i>Distance</i>	<i>VCG Description</i>
a	Ancher	0.0	0.00	
<i>Id</i>	<i>Item</i>	<i>Weight</i>	<i>Description</i>	

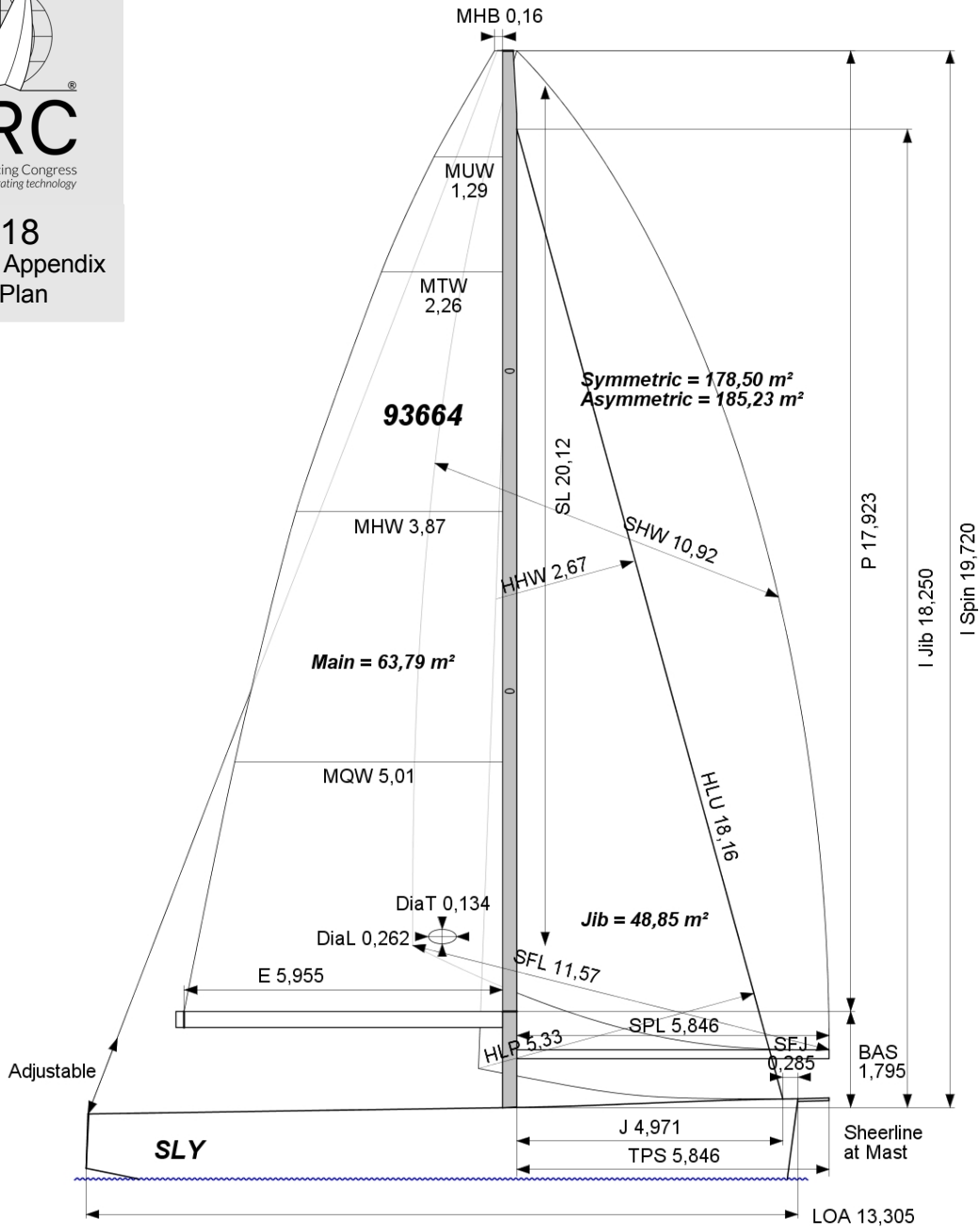
MEASUREMENT INVENTORY								
<i>Id</i>	<i>Item</i>	<i>Tank Use</i>	<i>Tank Type</i>	<i>Capcty</i>	<i>Dist.</i>	<i>VCG</i>	<i>Condtn</i>	<i>Description</i>
	Tank				0.00	0.00	0.0	
<i>Id</i>	<i>Item</i>	<i>Weight</i>	<i>Distance</i>	<i>VCG Description</i>				



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Sail Plan



SAILS INVENTORY

MAINSAIL (1)

Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment
1128188	0.16	1.29	2.26	3.87	5.01	63.80					2016 MAIN1

HEADSAILS (1)

Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
1128201	0.09	0.74	1.39	2.67	4.00	5.33	18.16	107%	48.85	Y						2016 JIB1

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