

BOAT	GPH	HULL
Name BANDANA Sail Nr USA 83121	596.7	Length Overall 14.600m Maximum Beam 4.194m Displacement 15,332kg Draft 2.384m IMS Reg. Division Cruiser/Racer Dynamic Allowance 0.396% Fwd Accommodation Yes Hull Construction Solid Carbon Rudder No Crew Arm Extension
GENERAL		IMSL 11.395m VCGD -0.377m Sink 27.79kg/mm RL 9.274m VCGM -0.371m WS 41.98m² LSM0 11.418m Displacement/Length ratio 10.2998
Class SWAN 47 Designer S&S Builder NAUTOR Series 10/1975 Age 11/1993 Age Allowance 0.487% Offset File US5130.OFF - 19/01/1995 13:33:54 Measurement by - 24/04/2002		



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SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	581.1			648.2		
Time on Time	1.0325			1.0414		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	681.3	529.5	473.9	877.4	654.8	564.2
Time on Time	0.9907	1.2747	1.4243	0.7693	1.0308	1.1963

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	975.6	824.1	738.2	693.4	670.2	657.4	649.3
52°	644.4	548.8	496.0	476.6	467.7	462.6	457.9
60°	613.8	522.1	481.4	464.7	455.6	450.5	445.3
75°	591.5	505.3	471.5	455.3	444.3	435.9	426.2
90°	596.3	507.4	470.1	452.0	439.5	428.9	411.4
110°	618.3	509.3	464.3	443.6	427.9	417.4	403.9
120°	633.4	523.1	470.0	446.4	428.9	412.8	390.2
135°	697.3	573.0	494.9	460.9	441.1	423.9	391.7
150°	822.7	657.9	560.3	494.6	462.0	443.1	411.3
Run VMG	950.0	759.8	646.8	565.8	514.9	475.9	436.6
Selected Courses							
Windward / Leeward	962.8	791.9	692.5	629.6	592.5	566.7	543.0
Circular Random	818.1	662.4	579.2	531.0	501.6	482.8	460.6
Coastal / Long Distance	961.5	744.1	622.7	548.9	510.9	482.5	440.8
Non Spinnaker	862.5	694.4	603.3	549.5	516.2	494.4	468.1

Certificate

Number **US6291**
ORC Ref **USAX018K2K9**
Issued On **07/05/2018**
VPP Ver. **2018 1.00**
Valid until **31/12/2018**

Crew Weight

Default **832kg**
Maximum **953kg**
Minimum* **715kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Non Spin GPH	622.0	0.9646
Non Spin OSN	605.9	0.9903

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	42.8°	41.3°	42.1°	41.3°	40.3°	39.6°	39.5°
Beat VMG	3.69	4.37	4.88	5.19	5.37	5.48	5.54
52°	5.59	6.56	7.26	7.55	7.70	7.78	7.86
60°	5.86	6.89	7.48	7.75	7.90	7.99	8.09
75°	6.09	7.12	7.64	7.91	8.10	8.26	8.45
90°	6.04	7.09	7.66	7.97	8.19	8.39	8.75
110°	5.82	7.07	7.75	8.12	8.41	8.63	8.91
120°	5.68	6.88	7.66	8.07	8.39	8.72	9.23
135°	5.16	6.28	7.27	7.81	8.16	8.49	9.19
150°	4.38	5.47	6.43	7.28	7.79	8.12	8.75
Run VMG	3.79	4.74	5.57	6.36	6.99	7.56	8.24
Gybe Angles	145.5°	150.3°	150.4°	154.1°	165.3°	180.0°	180.0°

Class Division Length

CDL = 10.335

Storm Sails Areas

Heavy Weather Jib **48.74**
Storm Jib (JL=12.35) **18.05**
Storm Triesail **16.17**

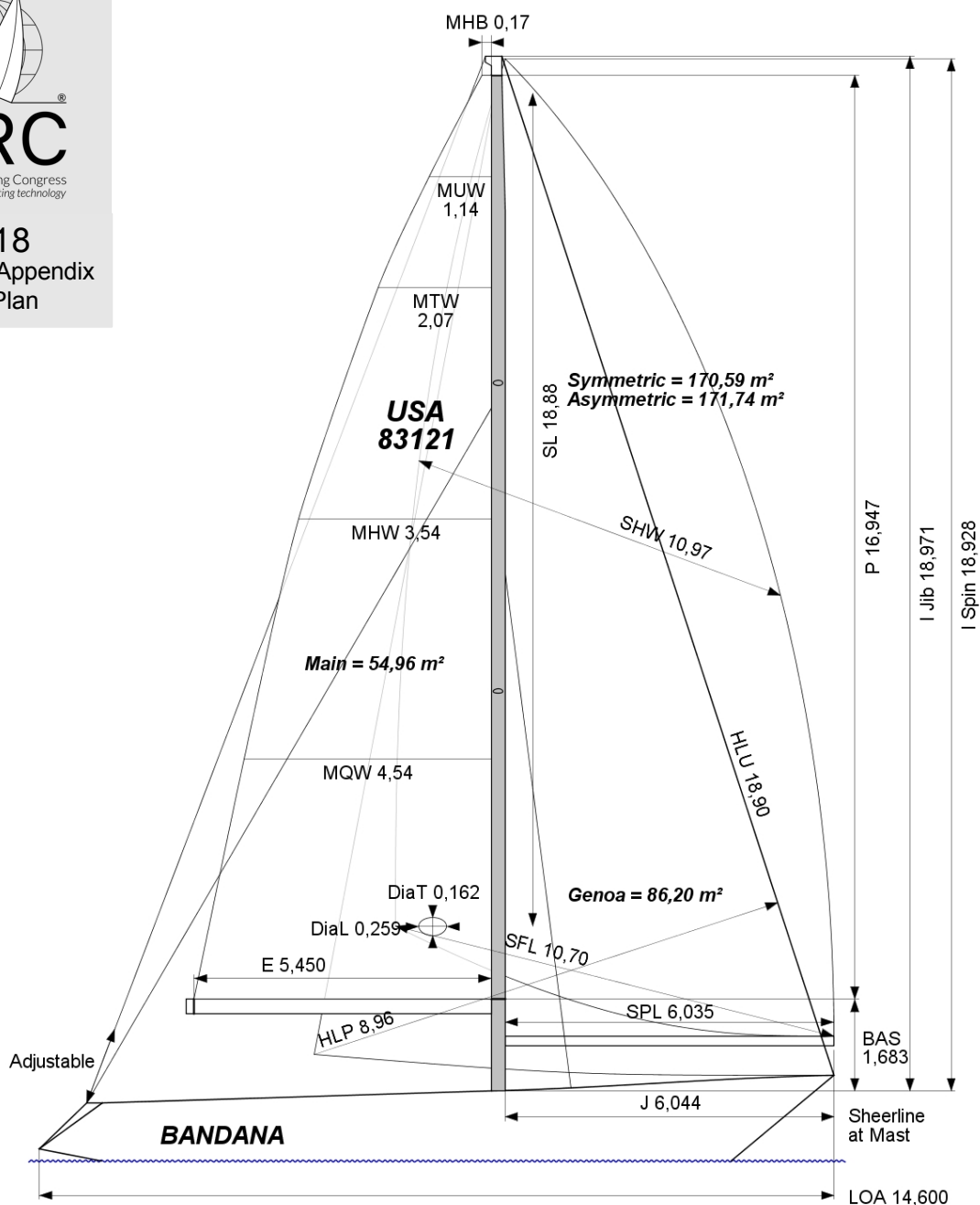
Owner



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Sail Plan



SAILS INVENTORY

MAINSAIL (1)

Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment
1760835	0.18	1.14	2.07	3.54	4.54	54.97			Charles		Mainsail 2018

HEADSAILS (1)

Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
88849						8.96	18.90	148%	86.20							

SYMMETRIC SPINNAKERS (1)

Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment
88847	18.90	18.90	18.90		10.64	170.60					

ASYMMETRIC SPINNAKERS (1)

Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment
88845			0.00	10.97	10.70	171.71	asym					