

BOAT Name Incognito Sail Nr ROU-82	GPH 594.9	HULL Length Overall 11.924m Maximum Beam 3.770m Displacement 7,147kg Draft 2.417m IMS Reg. Division Cruiser/Racer Dynamic Allowance 0.024% Fwd Accommodation Yes Hull Construction Solid Carbon Rudder Yes Crew Arm Extension
GENERAL Class First 40.7 Designer Farr Builder Beneteau Series 12/1997, CIN FR-BEY20482L900 Age 12/1999 Age Allowance 0.487% Offset File EFRST407.OFF - 25/10/2016 17:33:16 Measurement by - 24/04/2015		IMSLS 10.653m VCGD -0.190m Sink 22.24kg/mm RL 9.775m VCGM 0.051m WS 29.72m² LSM0 10.551m Displacement/Length ratio 6.0848



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SCORING OPTIONS						
Time on Distance	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
	578.2			643.8		
Time on Time	1.0378			1.0485		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	680.2	527.3	472.2	877.0	647.3	562.4
Time on Time	0.9924	1.2802	1.4296	0.7697	1.0428	1.2003

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	969.1	804.9	712.8	675.4	659.9	652.4	646.0
52°	640.2	540.5	494.7	478.2	472.1	469.1	467.0
60°	607.5	519.3	482.9	467.4	460.6	457.0	454.4
75°	582.7	505.4	474.6	457.5	445.3	438.1	431.4
90°	588.2	506.0	473.1	454.5	438.6	424.6	406.2
110°	620.8	512.6	469.1	445.5	425.6	413.3	394.8
120°	639.1	524.4	474.6	449.1	426.0	404.7	377.3
135°	707.0	573.3	498.9	465.5	442.7	420.0	377.1
150°	836.7	664.7	562.0	498.4	467.2	445.7	404.0
Run VMG	966.1	767.6	648.8	570.2	517.8	479.6	436.2

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Number **051/19**
ORC Ref **ROU10025741**
Issued On **13/06/2019**
VPP Ver. **2019 1.01**
Valid until **31/12/2019**

Crew Weight
Default **743kg**
Maximum **763kg**
Minimum* **572kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Double H.GPH	603.1	0.9949
Double H.OSN	587.8	1.0208
Non Spin GPH	620.5	0.9670
Non Spin OSN	603.3	0.9945

Selected Courses							
Windward / Leeward	967.6	786.2	680.8	622.8	588.8	566.0	541.1
Circular Random	817.1	660.6	577.2	529.2	499.9	480.9	457.1
Coastal / Long Distance	967.4	739.7	615.3	545.8	509.8	481.3	437.8
Non Spinnaker	862.8	693.1	601.4	547.8	514.8	493.2	465.9

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	42.2°	40.9°	39.9°	38.5°	37.7°	37.7°	37.6°
Beat VMG	3.71	4.47	5.05	5.33	5.46	5.52	5.57
52°	5.62	6.66	7.28	7.53	7.62	7.67	7.71
60°	5.93	6.93	7.45	7.70	7.82	7.88	7.92
75°	6.18	7.12	7.59	7.87	8.08	8.22	8.34
90°	6.12	7.11	7.61	7.92	8.21	8.48	8.86
110°	5.80	7.02	7.67	8.08	8.46	8.71	9.12
120°	5.63	6.86	7.59	8.02	8.45	8.90	9.54
135°	5.09	6.28	7.22	7.73	8.13	8.57	9.55
150°	4.30	5.42	6.41	7.22	7.71	8.08	8.91
Run VMG	3.73	4.69	5.55	6.31	6.95	7.51	8.25
Gybe Angles	144.6°	148.9°	150.5°	155.4°	170.0°	180.0°	180.0°

Class Division Length
CDL = **10.215**

Storm Sails Areas
Heavy Weather Jib **33.67**
Storm Jib (JL=10.27) **12.47**
Storm Trysail **13.28**

Owner

BOAT	
Name Incognito	Sail Nr ROU-82
File ROU82	Data in meters/kilograms

RIG	
Forestay Tension Aft	Spreaders 3
Inner Stay None Fitted	Runners 0
Carbon Mast No	Jumper Struts None
Taper Hollows No	Jib Furler No
Fiber Rigging Yes	Main Furler No
Lenticular Rigging No	Without Backstay No
Articulated Bowsprit No	
P 14.450	E 5.250 MDT1 0.117 MW 0.214
IG 15.690	J 4.390 MDL1 0.215 GO 0.242
ISP 15.790	SFJ MDT2 0.117 BD 0.191
BAS 1.676	SPL 4.410 MDL2 0.180 MWT 208.00
FSP 0.076	TPS TL 0.700 MCG 5.450

INCLINING TEST AND FREEBOARDS			
Inclining Test Current Inclining			
Flotation date 11/06/2014		SG 1.0000	
FFM 1.345	FF 1.355	SFFP 0.292	
FAM 1.112	FA 1.119	SAFP 11.313	
W1 99.7	PD1 572.9	WD 12.130	
W2 99.7	PD2 572.7	GSA 1.0	
W3 99.7	PD3 552.0	RSA 1.0	
W4 99.7	PD4 546.9	PLM 9000.0	
LCF from stem on CL / on sheer		6.495 / 6.730	
Maximum beam station from stem		7.502	
RM Measured		169.8kg-m	
RM Default		179.4kg-m	
Limit of positive stability / Stab.Index		117.3° / 120.0	
Freeboard at mast at 4.390		1.217	



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MIZZEN RIG AND SAILS	
N/A	

PROPELLER			
Installation Strut	PRD 0.455		
Type Folding 2 blades	PBW 0.115		
Twin Screw No	PIPA 0.0028		
ST1 0.045	ST3 0.171	ST5 0.290	
ST2 0.170	ST4 0.092	EDL 2.224	

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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	
	0.300	1.15	1.98	3.34	4.39	45.12	46.08	P/8 · (E + 2·MQW + 2·MHW + 1.5·MTW + MUW + 0.5·MHB)	
Symmetric	SLU	SLE	SL	SHW	SFL				
	15.70	15.70	15.70	8.10	7.90	105.45		SL · (SFL + 4·SHW) / 6	
Asymmetric	Not Available								

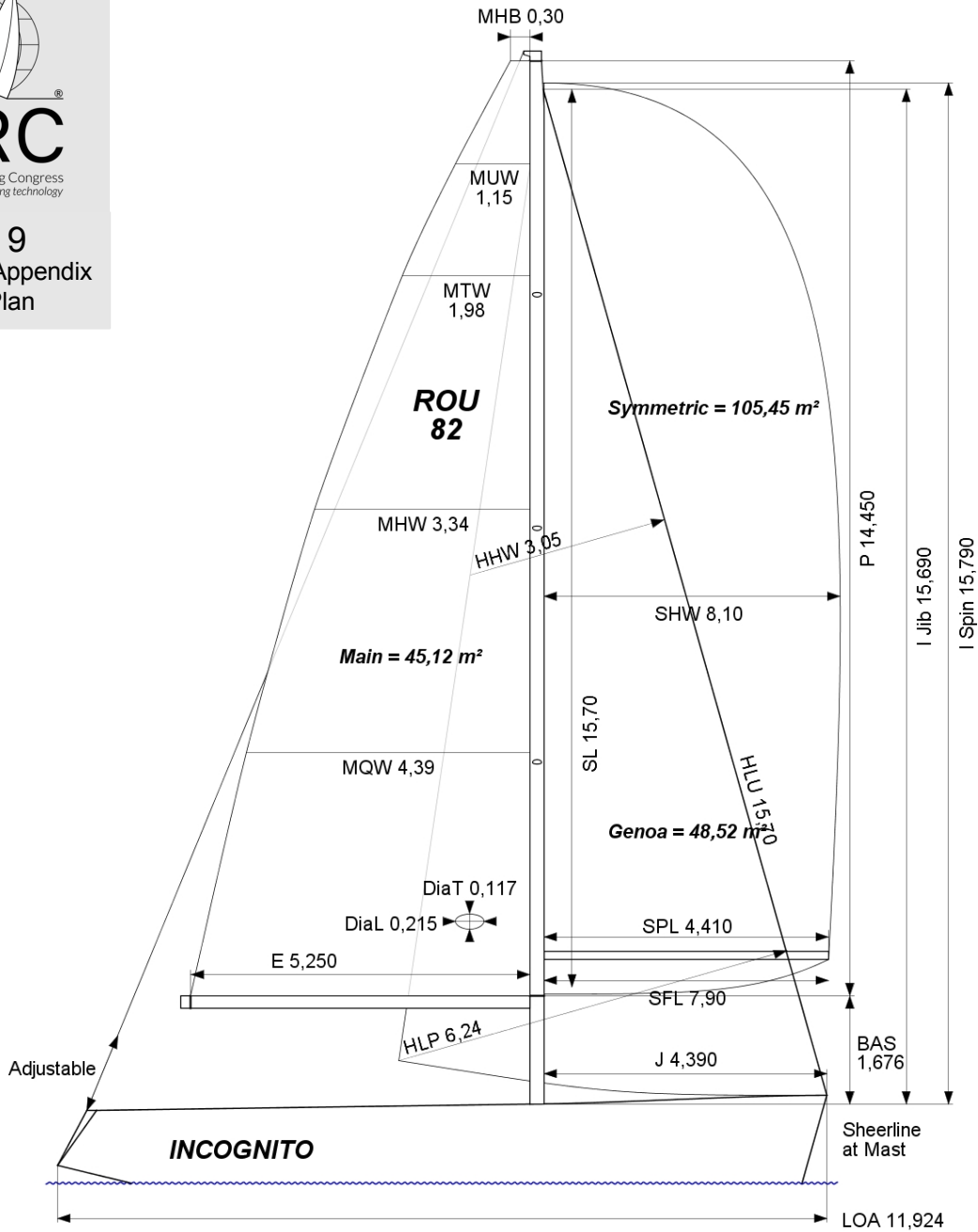
HEADSAILS												
Area = 0.1125·HLU · (1.445·HLP + 2·HQW + 2·HHW + 1.5·HTW + HUW + 0.5·HHB)												
HHB	HUW	HTW	HHW	HQW	HLP	HLU	Area	Btn	Fly	Meas.Date	Material	Comment
0.09	0.80	1.53	3.05	4.61	6.24	15.70	48.53			21/04/2017	Carbon	
0.10	0.72	1.36	2.75	4.22	5.78	15.70	44.34	N	N	27/05/2015	Carbon	
0.07	0.59	1.15	2.28	3.45	4.56	15.38	35.30	N	N		Unknow	



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Sail Plan



SAILS INVENTORY

MAINSAIL (1)

Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment
OM1	0.30	1.15	1.98	3.34	4.39	45.13		10/06/2019	One	Carbon	

HEADSAILS (3)

Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
OH1	0.09	0.80	1.53	3.05	4.61	6.24	15.70	142%	48.53				21/04/2017	One	Carbon	
H3	0.10	0.72	1.36	2.75	4.22	5.78	15.70	132%	44.34	N	N		27/05/2015	Dustom	Carbon	
H1	0.07	0.59	1.15	2.28	3.45	4.56	15.38	104%	35.30	N	N				Unknown	

SYMMETRIC SPINNAKERS (3)

Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment
OS1	15.70	15.70	15.70	8.10	7.90	105.46		21/04/2017	One	Nylon	
S10	15.40	15.40	15.40	7.96	7.84	101.85				Nylon	
S7	15.46	15.46	15.46	7.82	7.48	99.88				Nylon	

ASYMMETRIC SPINNAKERS (0)

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