



World Leader in Rating Technology

2018 ORC Club Certificate

Rating Office

Portsmouth Olympic
Harbour
53 Yonge Street
Kingston, Ontario
Canada K7M 6G4



Certificate

Number **BC8002**
Issued On **1/27/18**
ORC Ref **CAN00000371**
VPP Ver. **2018 1.00**
Valid until **12/31/18**

Crew Weight

Default 798kg
Maximum **500kg**
Minimum* **375kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Double H.GPH	644.8	0.9306
Double H.OSN	624.5	0.9608
Non Spin GPH	674.0	0.8902
Non Spin OSN	650.9	0.9218

Sails Limitations

Headsails **1** Spinnakers **3**

Spinnaker configuration

Symmetric: **No**
Asymmetric: **Yes** **95.16**
Flying H/S: **No**
Spin. Pole: **No**

Class Division Length

CDL = 9.665

Stability (Estimated)

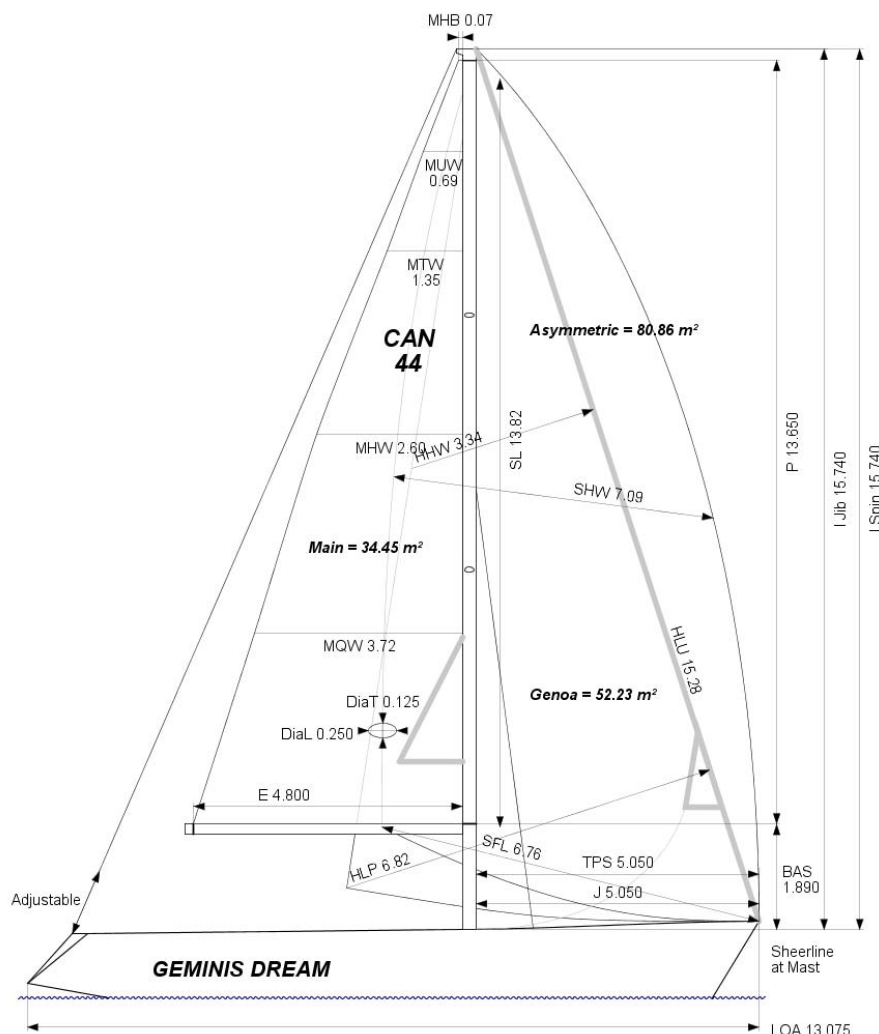
Limit Positive Stab.: **115.7°**
Stability Index: **119.3**

Owner

Shannon Rae
201-2065 West 4th Avenue
Vancouver, BC
Canada V6J 1N3

I certify that I understand my
responsibilities under ORC Rules and
Regulations

Signature



BOAT	GPH	HULL
Name Geminis Dream Sail Nr CAN 44	645.4	Data File Geminis Dream- LOA 13.075m Offset File F127.off MB 4.222m Displacement 9,800kg Draft 2.108m
CLASS Class Sun Odyssey 44 Designer Daniel Andrieu Builder Jeanneau Series 09/1987 Age Date 01/1991 Age Allowance 0.487%		IMS Division Cruiser/Racer Dynamic All. 0.398% Fwd Accom. Yes Construction Solid Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No Light Stanchions No
COMMENTS		IMSL 11.106m VCGD -0.050m Sink 25.53kg/mm RL 8.221m VCGM 0.030m WS 35.47m² LSM0 11.090m Displacement/Length ratio 7.1851
PROPELLER Installation Shaft exposed PRD 0.406 Type Feathering 3 blades PBW 0.004 PIPA 0.0022		Water Ballast 0 Trim Tab No BLR Index 0.0000
		CENTERBOARD N/A

SCORING OPTIONS	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
	Time on Distance	624.6			705.8	
Time on Time	0.9606			0.9564		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	764.8	565.5	491.8	992.6	713.8	599.6
Time on Time	0.8826	1.1936	1.3725	0.6800	0.9456	1.1257

BOAT	
Name	Geminis Dream
File	Geminis Dream-
Sail Nr	CAN 44
Data in	meters/kilograms

INCLINING TEST AND FREEBOARDS			
Inclining Test Club Estimated VCG			
Flotation date 11/09/2016		SG	
FFM	FF	1.347	SFFP 0.650
FAM	FA	1.135	SAFP 11.998
LCF from stem on CL / on sheer		6.875 / 7.163	
Maximum beam station from stem		7.728	
RM Measured		223.9kg-m	
RM Default		220.4kg-m	
Limit of positive stability / Stab.Index		115.7° / 119.3	
Freeboard at mast at 5.050		1.209	

RIG	
Forestay Tension	Aft
Inner Stay	Fixed
Carbon Mast	No
Taper Hollows	No
Fiber Rigging	No
Lenticular Rigging	No
Articulated Bowsprit	No
Spreaders	2
Runners	0
Jumper Struts	None
Jib Furler	Yes
Main Furler	Yes
Without Backstay	No
P	13.650
E	4.800
IG	15.740
J	5.050
ISP	15.740
SFJ	0.000
BAS	1.890
SPL	5.050
FSP	-3.000
TPS	5.050
MDT1	0.125
MDL1	0.250
MDT2	0.125
MDL2	0.250
MW	0.250
GO	0.260
BD	0.180
MWT	0.250
MCG	0.000



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2018 Measurements Datasheet

MIZZEN RIG AND SAILS	
N/A	

PROPELLER			
Installation	Shaft exposed	PRD	0.406
Type	Feathering 3 blades	PBW	0.004
Twin Screw	No	PIPA	0.0022
PSA	PHL	ST3	ESL
PSD	ST1	ST4	
PHD	ST2	ST5	

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COMMENTS	

MOVABLE BALLAST	
N/A	

CENTERBOARD	
N/A	

SAILS INVENTORY																
MAINSAIL (1)																
Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
1	0.070	0.69	1.35	2.60	3.72	34.45										
HEADSAILS (1)																
Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
1			1.66	3.34	5.16	6.82	15.28	135%	52.23							
SYMMETRIC SPINNAKERS (0)																
Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
ASYMMETRIC SPINNAKERS (1)																
Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment				
Star Blister	14.63	13.00	13.82	7.09	6.76	80.86	asym			Lee	Nylon					