



**DUCK ISLAND YACHT CLUB ANNUAL PHRF  
2022 CERTIFICATE  
DATE ISSUED 5/2/2022  
EXPIRES DECEMBER 31, 2022**

FINAL RATING: SPINNAKER	<b>0</b>	NON-SPINNAKER	<b>150</b>	DBL-HNDED	<b>159</b>
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Please complete in FEET AND .01 FOOT -- THERE IS NO CHARGE FOR ANNUAL PHRF CERTIFICATES

- COPY THIS FORM TO YOUR COMPUTER FROM THE WEBSITE BEFORE MAKING ANY ENTRIES.
- When completed, save as DIYCboatname22.xls (ex.DIYCSnowbird22.xls) and e-mail as an attachment to;  
pvm461@yahoo.com                      1 METER = 3.280833 FEET

Submission of sail measurement certificates is required if you aquired a new (or different) rated sail ( main sail, largest jib and largest spinnaker) AND CODE ZERO SPINN, since your LAST DIYC or PHRF certificate was issued. This can be obtained from your sailmaker and forwarded to DIYC Handicapper.

Any questions call Paul von Maffei - DIYC Handicapper - 203-314-7551

If this is a new boat design please attach profile/plan/sailplan drawings (jpg or pdf).  
Please name the file **boatname.jpg** (or pdf) (ex. **Snowbird.jpg**) when you e-mail it to me, thank you.

GENERAL INFORMATION			
BOAT NAME	Sofia	SAIL NO.	40636
MODEL	36-2	DATE BUILT	1986
	Pearson	HULL NO.	92
DESIGNER	ONE DESIGN CLASS		
OWNER'S NAME	Mark Possidento		
ADDRESS	1140 Woodruff Street		
CITY, STATE, ZIP CODE	Southington, CT 06489		
YACHT CLUB	N/A		
EVENING PHONE #	860-820-3933	CELLPHONE	860-820-3933
DAYTIME PHONE #	860-820-3933	FAX	
E-MAIL ADDRESS	mcphrp@att.net		
ANY PREVIOUS HANDICAP #	REGION	PHRF #/DATE	
PREVIOUS ECSA PHRF #		PREVIOUS DIYC PHRF#	162
ECSA MEMBER ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	US SAILING MEMBER # (IF YOU ARE A MEMBER)		

From time to time we may make owners' names and addresses available to parties wishing to circulate information on yachting related subjects. If you DO NOT wish to receive such information, please check here:

**General BOAT Dimensions**

**Please describe your boat. Check appropriate description with "X".**

Propeller:	Exposed:		In Aperture:		Retracted:	
Propeller Type	Fold/feath:	X	Autoprop:		Solid:	
# of Blades	Two:	X	Three:		Four:	
Keel Material:	Lead:	X	Iron:		Other:	
Rudder type:	Attached:	X	Spade		Skeg:	
Engine:	Inboard:	X	Outboard:		None:	
Keel Type:	Fin:	X	Full:		K/C Board:	
Mast Material:	Aluminum:	X	Wood:		Crb-Fiber:	
Spinnaker Pole:	None:		Traditional:	X	Sprit:	

Do you want a Spinnaker Handicap  Yes  No

**MUST HAVE A SPINNAKER FOR YES ANSWER**

Do you want a Double Handed Canvas Handicap  Yes  No

Unless standard for a class, unpenalized mainsail girth shall be limited as follows:

- MGT (7/8 leech) shall not exceed .22E
- MGU (3/4 leech) shall not exceed .38E
- MGM (1/2 leech) shall not exceed .65E
- MGL (1/4 leech) shall not exceed .87 E

Headboard shall not exceed the greater of 0.04E or 0.5 feet

Mainsails exceeding these dimensions must be declared, and will be penalized on an individual basis.  
Do your mainsail Girth dimensions exceed limits stated above and or exceed your class mainsail

Girths?  Yes  No

If yes, Please provide mainsail dimension below.

MGT	<input type="text"/>	MGU	<input type="text"/>
MGM	<input type="text"/>	MGL	<input type="text"/>

**RIG AND SAIL DIMENSIONS**

Overall hull length	LOA	<input type="text" value="36.50"/>	DRAFT	<input type="text" value="6.50"/>
Foretriangle base	I	<input type="text" value="47.10"/>	BALLAST	<input type="text" value="5800.00"/>
Boat J dimension	J	<input type="text" value="15.40"/>	WPL	<input type="text"/>
Boat P dimension main hoist	P	<input type="text" value="41.00"/>	TPS	<input type="text"/>
Banded main foot length E	E	<input type="text" value="14.50"/>	PY	<input type="text"/>
Displacement in pounds	Disp.	<input type="text" value="15000"/>	EY	<input type="text"/>
Length waterline	LWL	<input type="text" value="29.60"/>	SPL	<input type="text"/>
Maximum beam	Beam	<input type="text" value="12.00"/>	ISP	<input type="text"/>

LARGEST HEADSAIL USED (LP TO NEAREST .01FT)

LARGEST SYMMETRIC SPINNAKER	GIRTH:	<input type="text"/>	SAIL LUFF:	<input type="text"/>
AREA SQUARE FEET		<input type="text"/>	SAIL FOOT:	<input type="text"/>
LARGEST ASYMMETRIC SPINNAKER	AMG:	<input type="text"/>	SLU:	<input type="text"/>
AREA SQUARE FEET	SLE:	<input type="text"/>	ASF:	<input type="text"/>

DO YOU HAVE A CODE-ZERO SPINNAKER  Yes  No

If yes, ENTER to .01 foot

AMG:	<input type="text"/>	SLU:	<input type="text"/>
SLE:	<input type="text"/>	ASF:	<input type="text"/>

IS YOUR ONLY SPINNAKER AN ASYMMETRICAL,  
FLOWN ONLY FROM THE JIB TACK (NEVER A POLE)  N/A  Yes  No  
FLOWN ONLY FROM STANDARD SPINNAKER POLE  N/A  Yes  No  
FLOWN ONLY FROM SPRIT  N/A  Yes  No

**NOTE; ROLLER FURLING DEFINITIONS ARE IN DIYC 2022 PHRF REGULATIONS.**

When sailing in non-Spinnaker class will you ALWAYS use a headsail roller-furler?  Yes  No

When sailing in Spinnaker class will you ALWAYS use a headsail roller furler?  Yes  No

**RECREATIONAL CREDITS READ DIYC 2022 PHRF REGULATIONS**

Does your Roller Furling Headsail meet requirements for Recreational credit?  Yes  No  
Does your Roller Furling Mainsail meet requirements for Recreational credit?  Yes  No  
Is your furling mainsail an in-mast or in boom system? **IN MAST**  Yes **IN BOOM**  Yes  
**IN BOOM - +3, IN MAST - +12, IN HEADSAIL - +9 FOR CANVAS CLASS ONLY**

**FOIL DATA**

ORC CERTIFICATE  Yes ORR RATING CERTIFICATE  Yes DATE:   
Current certificates must be submitted to OSC handicapper

**WATER BALLAST DATA**

ORC CERTIFICATE  Yes ORR RATING CERTIFICATE  Yes DATE:   
WATER VOLUME GALLONS  CREW LIMITS   
Current certificates must be submitted to DIYC handicapper

**SAIL AND OTHER INFORMATION**

Have you added to or replaced any "RATED" sails in your inventory since your last rating CERTIFICATE?  Yes  No

IF YES PLEASE SPECIFY: \_\_\_\_\_

Can your boat power at 80%of hull speed in calm seas?  Yes  No

V(KNTS) = 80%x1.3x square root of water line (feet)

List all restoration work, repair or modification (whether performed by you, the previous owners or others) made to your boat since its manufacture. This applies to all work whether it replicates the original design or not.

Enter "N/A" if no changes repairs or modifications.  N/A

Does your boat have a self-bailing cockpit, fixed perths, galley facilities, and the ability to be self supporting for a weekend cruise?  Yes  No

IN WHICH FLEET DO YOU WANT TO BE SCORED:

SPINNAKER  CANVAS  CANVAS DOUBLE HANDED

**I HEREBY ACKNOWLEDGE AND AGREE THAT THE ABOVE INFORMATION IS CORRECT AND VERIFIABLE ANY TIME BY THE DUCK ISLAND YC HANDICAPPER**  I AGREE

**The following is for the handicapper to fill in final ratings.**

BOAT TYPE	Pearson 32-2		
DESIGN J	15.4	SPINN.	NON-SPINN
BASE HANDICAP			147
EXCESS MAINSAIL GIRTH			0
EXCESS MAINSAIL FT - ACTUAL E/std E			0
LP % OF J	155%		0
POLE FLOWN SPINN. SMW/SPL OR AMG/TPS			
DECK STEPPED ASYM SPINN CREDIT TPS/std J			
ASYM SPRIT SPINN ACTUAL AMG/TPS			
MAST ACTUAL "I"/STD. "I"	1		0
PROPELLER	2bld feath		0
RECREATIONAL CREDITS			0
MISCELANEOUS			0
<b>ABOVE DECK ROLL FURL. ADJUSTMENT:</b>			3
<b>FINAL HANDICAP:</b>	CALCULATED =>		<b>150</b>
<b>DOUBLE HANDED CANVAS HANDICAP</b>	Cc - class		<b>159</b>

DIYC Handicappers signature: *Paul von Maffei*

Date Issued	5/2/2022
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EXPIRES: 12-31-2022, rev 1-29-22

COMMENTS FROM THE HANDICAPPER: \_\_\_\_\_

DIYC 2022 CERT