



**DUCK ISLAND ANNUAL PHRF  
2023 CERTIFICATE  
DATE ISSUED 10/3/2023  
EXPIRES DECEMBER 31, 2023**

FINAL RATING: SPINNAKER	<b>105</b>	NON-SPINNAKER	<b>121</b>	DBL-HNDED	
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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](mailto:pvm461@yahoo.com) 1 METER = 3.280833 FEET

Submission of sail measurement certificates is required if you acquired a new (or different) rated sail (main sail, largest jib, Free flying headsail, 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 handicapper Paul von Maffei. Any questions, call Paul von Maffei - 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	Shillelagh		SAIL NO.	IRL 176
MODEL	VIPER 640 OD		DATE BUILT	Jul-12
BUILDER	RONDAR		HULL NO.	176
DESIGNER	B. BENNETT	ONE DESIGN CLASS		VIPER 640
OWNER'S NAME	EDWARD WOLFE			
ADDRESS	4 PINECLIFF DRIVE			
CITY, STATE, ZIP CODE	MARBLEHEAD, MA 0-1945			
YACHT CLUB	USSCMC			
EVENING PHONE #		CELLPHONE	978-406-8926	
DAYTIME PHONE #		FAX		
E-MAIL ADDRESS	<a href="mailto:eddiewolfe@gmail.com">eddiewolfe@gmail.com</a>			
ANY PREVIOUS HANDICAP #	REGION		PHRF #/DATE	
PREVIOUS ECSA PHRF #		PREVIOUS DIYC PHRF#		
ECSA MEMBER ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	US SAILING MEMBER # (IF YOU ARE A MEMBER)			771297S

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

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	21.08	DRAFT	4.49
Foretriangle base	I	22.00	BALLAST	262.00
Boat J dimension	J	8.33	WPL	
Boat P dimension main hoist	P	25.62	TPS	?
Banded main foot length E	E	10.07	PY	
Displacement in pounds	Disp.	750	EY	
Length waterline	LWL	19.08	SPL	
Maximum beam	Beam	8.17	ISP	

LARGEST HEADSAIL USED (LP TO NEAREST .01FT)

LARGEST SYMMETRIC SPINNAKER	GIRTH:	<input type="text"/>	SAIL LUFF:	<input type="text"/>
AREA SQUARE FEET			SAIL FOOT:	<input type="text"/>
LARGEST ASYMMETRIC SPINNAKER	AMG:	<input type="text"/>	SLU:	<input type="text"/>
AREA SQUARE FEET	425.00	SLE:	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"/>

DO YOU HAVE A FREE FLYING HEADSAIL  Yes  No

LP	<input type="text"/>	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 PHRF 2023 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 2023 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 - +6** **FOR CANVAS CLASS ONLY**

**FOIL DATA**

ORC CERTIFICATE	<input type="checkbox"/> Yes	ORR RATING CERTIFICATE	<input type="checkbox"/> Yes	DATE:	<input type="text"/>
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Current certificates must be submitted to OSC handicapper

**WATER BALLAST DATA**

ORC CERTIFICATE	<input type="checkbox"/> Yes	ORR RATING CERTIFICATE	<input type="checkbox"/> Yes	DATE:	<input type="text"/>
WATER VOLUME GALLONS	<input type="text"/>	CREW LIMITS	<input type="text"/>		

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	VIPER 640 OD		
DESIGN J	8.33	SPINN.	NON-SPINN
BASE HANDICAP		105	121
EXCESS MAINSAIL GIRTH		0	0
EXCESS MAINSAIL FT - ACTUAL E/std E		0	0
LP % OF J		0	0
1.8SPL/J or GIRTH/SPL orSMW/SPL		0	
DECK STEPPED ASYM SPINN CREDIT TPS/std J		0	
ASYM SPRIT SPINN ACTUAL AMG/TPS		0	
DECK TACKED TPS/J		0	
MAST ACTUAL "I"/STD. "I"		0	0
FREE FLYING HEADSAILS		0	0
PROPELLER		0	0
RECREATIONAL CREDITS		0	0
MISCELANEOUS		0	0
<b>ABOVE DECK ROLL FURL. ADJUSTMENT:</b>		0	0
<b>FINAL HANDICAP:</b>	<b>CALCULATED =&gt;</b>	<b>105</b>	<b>121</b>
<b>DOUBLE HANDED CANVAS HANDICAP</b>			

DIYC Handicappers signature: *Paul von Maffei*

Date Issued **10/3/2023**

EXPIRES: 12-31-2023 ISSUED 3.1.2023

COMMENTS FROM THE HANDICAPPER: \_\_\_\_\_  
 \_\_\_\_\_  
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DIYC 2023 CERT