



OFF SOUNDINGS CLUB ANNUAL PHRF 2022 CERTIFICATE

DATE ISSUED 4/29/2022
EXPIRES DECEMBER 31, 2022

FINAL RATING: SPINNAKER	89	NON-SPINNAKER	120	DBL-HNDED	129
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Please complete in FEET AND .01 FOOT -- THERE IS NO CHARGE FOR ANNUAL PHRF CERTIFICATES

1. COPY THIS FORM TO YOUR COMPUTER FROM THE WEBSITE BEFORE MAKING ANY ENTRIES.
2. When completed, save as OSCboatname22.xls (ex.OSCSnowbird22.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 OSC or PHRF certificate was issued. This can be obtained from your sailmaker and forwarded to OSC Handicapper.
Any questions call Paul von Maffei - OSC 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	MAREE	SAIL NO.	USA 405
MODEL	X 4.0	DATE BUILT	Jul-05
BUILDER	X YACHTS	HULL NO.	
DESIGNER	NIELS JEPPESEN	ONE DESIGN CLASS	
OWNER'S NAME	DAVE DICKERSON		
ADDRESS	21 PEPERBOX ROAD		
CITY, STATE, ZIP CODE	WATERFORD, CT 06385		
YACHT CLUB	NIANTIC BAY		
EVENING PHONE #		CELLPHONE	860-705-8185
DAYTIME PHONE #		FAX	
E-MAIL ADDRESS	ddickersoin01@snet.net		
ANY PREVIOUS HANDICAP #	REGION	PHRF #/DATE	90/123
PREVIOUS ECSA PHRF #		PREVIOUS OSC PHRF#	
ECSA MEMBER ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	US SAILING MEMBER # (IF YOU ARE A MEMBER)		186021N

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: <input checked="" type="checkbox"/> X Propeller Type Fold/feath: <input checked="" type="checkbox"/> X # of Blades Two: <input checked="" type="checkbox"/> X Keel Material: Lead: <input checked="" type="checkbox"/> X Rudder type: Attached: <input type="checkbox"/> Engine: Inboard: <input checked="" type="checkbox"/> X Keel Type: Fin: <input checked="" type="checkbox"/> X Mast Material: Aluminum: <input checked="" type="checkbox"/> X Spinnaker Pole: None: <input checked="" type="checkbox"/> X	In Aperture: <input type="checkbox"/> Autoprop: <input type="checkbox"/> Three: <input type="checkbox"/> Iron: <input checked="" type="checkbox"/> X Spade <input checked="" type="checkbox"/> X Outboard: <input type="checkbox"/> Full: <input type="checkbox"/> Wood: <input type="checkbox"/> Traditional: <input type="checkbox"/>	Retracted: <input type="checkbox"/> Solid: <input type="checkbox"/> Four: <input type="checkbox"/> Other: <input type="checkbox"/> Skeg: <input type="checkbox"/> None: <input type="checkbox"/> K/C Board: <input type="checkbox"/> Crb-Fiber: <input type="checkbox"/> Sprit: <input type="checkbox"/>
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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="37.65"/>	DRAFT	<input type="text" value="7.03"/>
Foretriangle base	I	<input type="text" value="54.26"/>	BALLAST	<input type="text" value="6724.00"/>
Boat J dimension	J	<input type="text" value="13.86"/>	WPL	<input type="text" value="N/A"/>
Boat P dimension main hoist	P	<input type="text" value="51.04"/>	TPS	<input type="text" value="16.95"/>
Banded main foot length E	E	<input type="text" value="17.05"/>	PY	<input type="text" value="N/A"/>
Displacement in pounds	Disp.	<input type="text" value="19406"/>	EY	<input type="text" value="N/A"/>
Length waterline	LWL	<input type="text" value="34.10"/>	SPL	<input type="text" value="N/A"/>
Maximum beam	Beam	<input type="text" value="12.50"/>	ISP	<input type="text" value="56.90"/>

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" value="31.91"/>	SLU:	<input type="text" value="61.01"/>
AREA SQUARE FEET	SLE:	<input type="text" value="55.92"/>	ASF:	<input type="text" value="29.68"/>

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: NEW JIB - # 2022-OUS145453-001CERTIFICATE

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	X 4.0		
DESIGN J	13.86	SPINN.	NON-SPINN
BASE HANDICAP		78	98
EXCESS MAINSAIL GIRTH	0	0	0
EXCESS MAINSAIL FT - ACTUAL E/std E	0	0	0
LP % OF J	106.50%	7	16
POLE FLOWN SPINN. SMW/SPL OR AMG/TPS			
DECK STEPPED ASYM SPINN CREDIT TPS/std J	122%	0	
ASYM SPRIT SPINN ACTUAL AMG/TPS	188%	-2	
MAST ACTUAL "I"/STD. "I"	1	0	0
PROPELLER	2BLD-FEATH	0	0
RECREATIONAL CREDITS	N/A	0	0
MISCELANEOUS	BOW THRUSTER	6	6
ABOVE DECK ROLL FURL. ADJUSTMENT:	OEM	0	0
FINAL HANDICAP:	CALCULATED =>	89	120
DOUBLE HANDED CANVAS HANDICAP	C CLASS		129

DIYC Handicappers signature: *Paul von Maffei*

Date Issued **4/29/2022**

EXPIRES: 12-31-2022, rev 1-29-22

COMMENTS FROM THE HANDICAPPER: DH +9NON-SPINN

OSC 2022 CERT