



OFF SOUNDINGS CLUB ANNUAL PHRF 2021 CERTIFICATE

DATE ISSUED ___ REV 6-4-21 ___
EXPIRES DECEMBER 31, 2021

FINAL RATING: SPINNAKER	84	NON- SPINNAKER	124	CLASS		
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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 OSCboatname21.xls (ex.OSCSnowbird21.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 acquired 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	TBD	SAIL NO.	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 PEPPERBOX ROAD		
CITY, STATE, ZIP CODE	WATERFORD, CT 06385		
YACHT CLUB	NIANTIC BAY		
EVENING PHONE #		CELLPHONE	860-705-8185
DAYTIME PHONE #		FAX	
E-MAIL ADDRESS			
ANY PREVIOUS HANDICAP #	REGION		PHRF #/DATE
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:	X	In Aperture:		Retracted:	
Propeller Type	Fold/feath:	X	Autoprop:		Solid:	
# of Blades	Two:	X	Three:		Four:	
Keel Material:	Lead:	X	Iron:	X	Other:	
Rudder type:	Attached:		Spade:	X	Skeg:	
Engine:	Inboard:	X	Outboard:		None:	
Keel Type:	Fin:	X	Full:		K/C Board:	
Mast Material:	Aluminum:	X	Wood:		Crb-Fiber:	
Spinnaker Pole:	None:	X	Traditional:		Sprit:	

Do you want a Spinnaker Handicap YES NO

MUST HAVE A SPINNAKER FOR YES ANSWER

ALLOWED

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

1.08 X 3.28 = 3.54	MGT (7/8 leech) shall not exceed .22E	17.15 X .22 = 3.77
1.94 X 3.28 = 6.36	MGU (3/4 leech) shall not exceed .38E	17.15 X .38 = 6.52
3.30 X 3.28 = 10.82	MGM (1/2 leech) shall not exceed .65E	17.15 X .65 = 11.15
4.33 X 3.28 = 14.20	MGL (1/4 leech) shall not exceed .87 E	17.15 X .87 = 14.92
	Headboard shall not exceed the greater of 0.04E or 0.5 feet	.16X3.28 = .524

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="6.89"/>
Foretriangle base	I	<input type="text" value="54.26"/>	BALLAST	<input type="text" value="6724"/>
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="17.15"/>	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="0.00"/>
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 OSC 2021 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

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

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 OSC 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

$V(KNTS) = 80\% \times 1.3 \times \text{square root of water line (feet)}$

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

NON-SPINNAKER

I HEREBY ACKNOWLEDGE AND AGREE THAT THE ABOVE INFORMATION IS CORRECT AND VERIFIABLE ANY TIME BY THE OFF SOUNDINGS CLUB HANDICAPPER

I AGREE

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

BOAT TYPE	X 4.0 RFR		
DESIGN J	13.86	SPINN.	NON-SPINN
BASE HANDICAP		78	99
EXCESS MAINSAIL GIRTH	1	0	0
EXCESS MAINSAIL FT - ACTUAL E/std E	1	0	0
LP % OF J	88%	8	19
POLE FLOWN SPINN. SMW/SPL OR AMG/TPS		0	
DECK STEPPED ASYM SPINN CREDIT TPS/std J	N/A	0	
ASYM SPRIT SPINN ACTUAL AMG/TPS	188%	-8	
MAST ACTUAL "I"/STD. "I"	1	0	0
PROPELLER	2BLD-FEATH	0	0
MISCELANEOUS	BOW THRUSTER	6	6
ABOVE DECK ROLL FURL. ADJUSTMENT:		0	0
FINAL HANDICAP:	CALCULATED =>	84	124

OSC Handicappers signature: *Paul von Maffei*

Date Issued

REV 6-4-21

EXPIRES: 12-31-2021

COMMENTS FROM THE HANDICAPPER:

PVM ASYM AMG/TPS OSC ADJUSTMENT

OSC-21-PHRF-APPLICATION