



**DUCK ISLAND YACHT CLUB ANNUAL PHRF
2021 CERTIFICATE**
DATE ISSUED 10-13-2021
EXPIRES DECEMBER 31, 2021

FINAL RATING: SPINNAKER	-3	NON- SPINNAKER	17	CLASS	
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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 DIYCboatname21.xls (ex. DIYCnowbird21.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 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 **DIYCboatname.jpg** (or pdf) (ex. **DIYCSnowbird.jpg**) when you e-mail it to me, thank you.

GENERAL INFORMATION

BOAT NAME	Rhumb Runner	SAIL NO.	USA61489
MODEL	Neo 430	DATE BUILT	Jul-21
BUILDER	Neo Yachts	HULL NO.	3
DESIGNER	Ceccarilli	ONE DESIGN CLASS	
OWNER'S NAME	Frank Flores		
ADDRESS	13 Mack lane		
CITY, STATE, ZIP CODE	Essex, CT 06426		
YACHT CLUB	Essex		
EVENING PHONE #	860 767 0375	CELLPHONE	
DAYTIME PHONE #	860 767 0375	FAX	
E-MAIL ADDRESS	fflores@snet.net		
ANY PREVIOUS HANDICAP #	REGION	PHRF #/DATE	
PREVIOUS ECSA PHRF #		PREVIOUS DIYC PHRF#	
ECSA MEMBER ? <input checked="" type="checkbox"/> Yes <input 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:	x	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	X	Skeg:	
Engine:	Inboard:	X	Outboard:		None:	
Keel Type:	Fin:	X	Full:		K/C Board:	
Mast Material:	Aluminum:		Wood:		Crb-Fiber:	X
Spinnaker Pole:	None:	X	Traditional:		Sprit:	X

Do you want a Spinnaker Handicap YES NO

MUST HAVE A SPINNAKER FOR YES ANSWER

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.
has square top mainsail

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	42.8	DRAFT	9.80
Foretriangle base	I	56.10	BALLAST	5511
Boat J dimension	J	16.50	WPL	x
Boat P dimension main hoist	P	56.50	TPS	22.90
Banded main foot length E	E	19.00	PY	x
Displacement in pounds	Disp.	12566	EY	x
Length waterline	LWL	38.80	SPL	x
Maximum beam	Beam	13.25	ISP	62.17

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:	38.50	SLU:	70.20
AREA SQUARE FEET	SLE:	58.75	ASF:	35.10

DO YOU HAVE A CODE-ZERO SPINNAKER Yes No

If yes, ENTER to .01 foot

AMG:	<input type="text" value="25.09"/>	SLU:	<input type="text" value="64.30"/>
SLE:	<input type="text" value="57.74"/>	ASF:	<input type="text" value="33.45"/>

IS YOUR ONLY SPINNAKER AN ASYMMETRICAL,
 FLOWN ONLY FROM THE JIB TACK (NEVER A POLE)
 FLOWN ONLY FROM STANDARD SPINNAKER POLE
 FLOWN ONLY FROM SPRIT

<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

NOTE; ROLLER FURLING DEFINITIONS ARE IN ECSA 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 - READ ECSA 2021 PHRF REGULATIONS

FOR CANVAS CLASS ONLY

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

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 NEW OR USED "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

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

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 DUCK ISLAND YACHT CLUB HANDICAPPER

I AGREE

THE FOLLOWING IS FOR THE HANDICAPPER TO FILL OUT

BOAT TYPE	NEO 430 CUSTOM		
DESIGN J		SPINN.	NON-SPINN
BASE HANDICAP		-3	17
EXCESS MAINSAIL GIRTH		0	0
EXCESS MAINSAIL FT - ACTUAL E/std E		0	0
LP % OF J		0	0
POLE FLOWN SPINN. SMW/SPL OR AMG/TPS		0	
DECK STEPPED ASYM SPINN CREDIT TPS/std J		0	
ASYM SPRIT SPINN ACTUAL AMG/TPS		0	
MAST ACTUAL "I"/STD. "I"		0	0
PROPELLER	2 BLD FEATH	0	0
RECREATIONAL CREDITS		0	0
MISCELANEOUS	SAILDRIVE	0	0
ABOVE DECK ROLL FURL. ADJUSTMENT:		0	0
FINAL HANDICAP:	CALCULATED =>	-3	17

DIYC Handicappers signature: *Paul von Maffei*

Date Issued

10-13-2021

EXPIRES: 12-31-2021

COMMENTS FROM THE HANDICAPPER: _____

DIYC-21-PHRF-APPLICATION