



**DUCK ISLAND ANNUAL PHRF  
2024 CERTIFICATE  
DATE ISSUED:  
EXPIRES DECEMBER 31, 2024**

FINAL RATING: SPINNAKER

NON-  
SPINNAKER

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 DIYCboatname24.xls (ex; DIYCSnowbird24.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, 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  |   | SAIL NO.    |  |
| MODEL  |   | DATE BUILT  |  |
| BUILDER  |   | HULL NO.    |  |
| DESIGNER   | ONE DESIGN CLASS                          |             |  |
| OWNER'S NAME   |   |             |  |
| ADDRESS  |   |             |  |
| CITY, STATE, ZIP CODE  |   |             |  |
| YACHT CLUB   |   |             |  |
| EVENING PHONE #  | CELLPHONE                                 |             |  |
| DAYTIME PHONE #  | FAX                                       |             |  |
| E-MAIL ADDRESS   |   |             |  |
| ANY PREVIOUS HANDICAP #  | REGION                                    | PHRF #/DATE |  |
| PREVIOUS ECSA PHRF #   | PREVIOUS DIYC PHRF#                       |             |  |
| ECSA MEMBER ? <input 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: <input type="checkbox"/>        | In Aperture: <input type="checkbox"/> | Retracted: <input type="checkbox"/> |
| Propeller Type Fold/feath: <input type="checkbox"/> | Autoprop: <input type="checkbox"/>    | Solid: <input type="checkbox"/>     |
| # of Blades Two: <input type="checkbox"/>           | Three: <input type="checkbox"/>       | Four: <input type="checkbox"/>      |
| Keel Material: Lead: <input type="checkbox"/>       | Iron: <input type="checkbox"/>        | Other: <input type="checkbox"/>     |
| Rudder type: Attached: <input type="checkbox"/>     | Spade: <input type="checkbox"/>       | Skeg: <input type="checkbox"/>      |
| Engine: Inboard: <input type="checkbox"/>           | Outboard: <input type="checkbox"/>    | None: <input type="checkbox"/>      |
| Keel Type: Fin: <input type="checkbox"/>            | Full: <input type="checkbox"/>        | K/C Board: <input type="checkbox"/> |
| Mast Material: Aluminum: <input type="checkbox"/>   | Wood: <input type="checkbox"/>        | Crb-Fiber: <input type="checkbox"/> |
| Spinnaker Pole: None: <input type="checkbox"/>      | Traditional: <input type="checkbox"/> | Sprit: <input type="checkbox"/>     |

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"/> | DRAFT   | <input type="text"/> |
| Foretriangle base           | I     | <input type="text"/> | BALLAST | <input type="text"/> |
| Boat J dimension            | J     | <input type="text"/> | WPL     | <input type="text"/> |
| Boat P dimension main hoist | P     | <input type="text"/> | TPS     | <input type="text"/> |
| Banded main foot length E   | E     | <input type="text"/> | PY      | <input type="text"/> |
| Displacement in pounds      | Disp. | <input type="text"/> | EY      | <input type="text"/> |
| Length waterline            | LWL   | <input type="text"/> | SPL     | <input type="text"/> |
| Maximum beam                | Beam  | <input type="text"/> | 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"/> |

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 2024 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 2024 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"/> |
|--|---|-------|----------------------|

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  NON-SPINN

**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                                |               |        |           |
| DESIGN J                                 |               | SPINN. | NON-SPINN |
| BASE HANDICAP                            |               |        |           |
| EXCESS MAINSAIL GIRTH                    |               |        |           |
| EXCESS MAINSAIL FT - ACTUAL E/std E      |               |        |           |
| LP % OF J                                |               |        |           |
| 1.8SPL/J or GIRTH/SPL orSMW/SPL          |               |        |           |
| DECK STEPPED ASYM SPINN CREDIT TPS/std J |               |        |           |
| ASYM SPRIT SPINN ACTUAL AMG/TPS          |               |        |           |
| DECK TACKED TPS/J                        |               |        |           |
| MAST ACTUAL "I"/STD. "I"                 |               |        |           |
| FREE FLYING HEADSAILS                    |               |        |           |
| PROPELLER                                |               |        |           |
| RECREATIONAL CREDITS                     |               |        |           |
| MISCELANEOUS                             |               |        |           |
| <b>ABOVE DECK ROLL FURL. ADJUSTMENT:</b> |               |        |           |
| <b>FINAL HANDICAP:</b>                   | CALCULATED => |        |           |

DIYC Handicappers signature: *Paul von Maffei*

Date Issued

EXPIRES: 12-31-2024 ISSUED 4.5.2024

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

DIYC 2024 CERT