



**DUCK ISLAND ANNUAL PHRF
2024 CERTIFICATE
DATE ISSUED: 5/6/2024
EXPIRES DECEMBER 31, 2024**

FINAL RATING: SPINNAKER

NON-
SPINNAKER

139

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	Backfox	SAIL NO.	60533
MODEL	First 33.7	DATE BUILT	Dec-99
BUILDER	Beneteau	HULL NO.	BEY27185B000
DESIGNER		ONE DESIGN CLASS	
OWNER'S NAME	Marty Marx		
ADDRESS	176 Beech Tree Lane		
CITY, STATE, ZIP CODE	Westbrook CT 06498		
YACHT CLUB	DIYC		
EVENING PHONE #	8603049562	CELLPHONE	8603049562
DAYTIME PHONE #	8603049562	FAX	
E-MAIL ADDRESS	marty.e.marx@gmail.com		
ANY PREVIOUS HANDICAP #	REGION	PHRF #/DATE	2023
PREVIOUS ECSA PHRF #		PREVIOUS DIYC PHRF#	143
ECSA MEMBER ?	US SAILING MEMBER # (IF YOU ARE A MEMBER)		No

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 checked="" 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 checked="" type="checkbox"/>	Other:	<input type="checkbox"/>
Rudder type:	Attached:	<input checked="" type="checkbox"/>	Spade	<input type="checkbox"/>	Skeg:	<input type="checkbox"/>
Engine:	Inboard:	<input checked="" type="checkbox"/>	Outboard:	<input type="checkbox"/>	None:	<input type="checkbox"/>
Keel Type:	Fin:	<input checked="" type="checkbox"/>	Full:	<input type="checkbox"/>	K/C Board:	<input type="checkbox"/>
Mast Material:	Aluminum:	<input checked="" 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? No

MUST HAVE A SPINNAKER FOR YES ANSWER

Do you want a Double Handed Canvas Handicap? 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?

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="32.74"/>	DRAFT	<input type="text" value="5.25"/>
Foretriangle base	I	<input type="text" value="41.67"/>	BALLAST	<input type="text" value="33307.00"/>
Boat J dimension	J	<input type="text" value="11.65"/>	WPL	<input type="text" value="9.42"/>
Boat P dimension main hoist	P	<input type="text" value="37.73"/>	TPS	<input type="text"/>
Banded main foot length E	E	<input type="text" value="14.69"/>	PY	<input type="text"/>
Displacement in pounds	Disp.	<input type="text" value="10582"/>	EY	<input type="text"/>
Length waterline	LWL	<input type="text" value="30.31"/>	SPL	<input type="text"/>
Maximum beam	Beam	<input type="text" value="10.93"/>	ISP	<input type="text" value="41.67"/>

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
 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

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)
 FLOWN ONLY FROM STANDARD SPINNAKER POLE
 FLOWN ONLY FROM SPRIT

NOTE; ROLLER FURLING DEFINITIONS ARE IN PHRF 2024 PHRF REGULATIONS.

When sailing in non-Spinnaker class will you ALWAYS use a headsail roller-furler? No

When sailing in Spinnaker class will you ALWAYS use a headsail roller furler?

RECREATIONAL CREDITS READ 2024 PHRF REGULATIONS

Does your Roller Furling Headsail meet requirements for Recreational credit?
 Does your Roller Furling Mainsail meet requirements for Recreational credit?
 Is your furling mainsail an in-mast or in boom system? IN MAST IN BOOM
 IN BOOM - +3, IN MAST - +12, IN HEADSAIL - +6 FOR CANVAS CLASS ONLY

FOIL DATA

ORC CERTIFICATE ORR RATING CERTIFICATE DATE:
 Current certificates must be submitted to OSC handicapper

WATER BALLAST DATA

ORC CERTIFICATE ORR RATING CERTIFICATE 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?

IF YES PLEASE SPECIFY: _____

Can your boat power at 80%of hull speed in calm seas?

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

IN WHICH FLEET DO YOU WANT TO BE SCORED:

SPINNAKER NON-SPINN X

I HEREBY ACKNOWLEDGE AND AGREE THAT THE ABOVE INFORMATION IS CORRECT AND

VERIFIABLE ANY TIME BY THE DUCK ISLAND YC HANDICAPPER

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

BOAT TYPE	BENETEAU FIRST	33.7	
DESIGN J	11.65	SPINN.	NON-SPINN
BASE HANDICAP			139
EXCESS MAINSAIL GIRTH	1	0	0
EXCESS MAINSAIL FT - ACTUAL E/std E	1	0	0
LP % OF J	155%	0	0
1.8SPL/J or GIRTH/SPL orSMW/SPL	0	0	
DECK STEPPED ASYM SPINN CREDIT TPS/std J	0	0	
ASYM SPRIT SPINN ACTUAL AMG/TPS	0	0	
DECK TACKED TPS/J	0	0	
MAST ACTUAL "I"/STD. "I"	1	0	0
FREE FLYING HEADSAILS	0	0	0
PROPELLER	2 BLD FEATH	0	0
RECREATIONAL CREDITS		0	0
MISCELANEOUS		0	0
ABOVE DECK ROLL FURL. ADJUSTMENT:		0	0
FINAL HANDICAP:	CALCULATED =>		139

DIYC Handicappers signature: *Paul von Maffei*

Date Issued **5/6/2024**

EXPIRES: 12-31-2024 ISSUED 4.5.2024

COMMENTS FROM THE HANDICAPPER: _____

DIYC 2024 CERT