



**DUCK ISLAND YACHT CLUB ANNUAL PHRF  
2021 CERTIFICATE**  
DATE ISSUED 5/22/2021  
EXPIRES DECEMBER 31, 2021

FINAL RATING: SPINNAKER		NON-SPINNAKER	145	CLASS	
-------------------------	--	---------------	-----	-------	--

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	Out of Reach II		SAIL NO.	42717
MODEL	Frers 33		DATE BUILT	Jun-05
BUILDER	Carroll Marine		HULL NO.	CIR33018J687
DESIGNER	German Frers	ONE DESIGN CLASS		
OWNER'S NAME	Dick Saunders			
ADDRESS	163 Hammock Rd N			
CITY, STATE, ZIP CODE	Westbrook, CT 06498			
YACHT CLUB	Duck Island			
EVENING PHONE #	860-399-2503	CELLPHONE	860-304-7645	
DAYTIME PHONE #	860-399-2503	FAX		
E-MAIL ADDRESS	<a href="mailto:rhsaund@yahoo.com">rhsaund@yahoo.com</a>			
ANY PREVIOUS HANDICAP #	REGION		PHRF #/DATE	2020
PREVIOUS ECSA PHRF #		PREVIOUS DIYC PHRF#	108 / 129	
ECSA MEMBER ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	US SAILING MEMBER # (IF YOU ARE A MEMBER)			# 300733I

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"/>	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 checked="" type="checkbox"/>	Three:	<input type="checkbox"/>	Four:	<input type="checkbox"/>
Keel Material:	Lead:	<input checked="" 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 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 checked="" type="checkbox"/>	Sprit:	<input type="checkbox"/>

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.

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="33.25"/>	DRAFT	<input type="text" value="6.25"/>
Foretriangle base	I	<input type="text" value="45.00"/>	BALLAST	<input type="text" value="4000"/>
Boat J dimension	J	<input type="text" value="13.28"/>	WPL	<input type="text"/>
Boat P dimension main hoist	P	<input type="text" value="39.10"/>	TPS	<input type="text"/>
Banded main foot length E	E	<input type="text" value="13.10"/>	PY	<input type="text"/>
Displacement in pounds	Disp.	<input type="text" value="9000"/>	EY	<input type="text"/>
Length waterline	LWL	<input type="text" value="26.50"/>	SPL	<input type="text" value="13.28"/>
Maximum beam	Beam	<input type="text" value="11.25"/>	ISP	<input type="text"/>

LARGEST HEADSAIL USED (LP TO NEAREST .01FT)

LARGEST SYMMETRIC SPINNAKER	GIRTH:	<input type="text" value="23.60"/>	SAIL LUFF:	<input type="text" value="44.50"/>
AREA SQUARE FEET			SAIL FOOT:	
LARGEST ASYMMETRIC SPINNAKER	AMG:		SLU:	
AREA SQUARE FEET	SLE:		ASF:	

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)  
 FLOWN ONLY FROM STANDARD SPINNAKER POLE  
 FLOWN ONLY FROM SPRIT

<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<input checked="" type="checkbox"/> N/A	<input 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	Frers 33		
DESIGN J		SPINN.	NON-SPINN
BASE HANDICAP			129
EXCESS MAINSAIL GIRTH	1		0
EXCESS MAINSAIL FT - ACTUAL E/std E	1		0
LP % OF J	135%		7
POLE FLOWN SPINN. SMW/SPL OR AMG/TPS	N/A		
DECK STEPPED ASYM SPINN CREDIT TPS/std J	N/A		
ASYM SPRIT SPINN ACTUAL AMG/TPS	N/A		
MAST ACTUAL "I"/STD. "I"	1		0
PROPELLER	fld/ft		0
RECREATIONAL CREDITS			6
MISCELANEOUS			
<b>ABOVE DECK ROLL FURL. ADJUSTMENT:</b>			3
FINAL HANDICAP:	CALCULATED =>		<b>145</b>

DIYC Handicappers signature: *Paul von Maffei*

Date Issued

5/22/2021

EXPIRES: 12-31-2021

COMMENTS FROM THE HANDICAPPER:

GO FOR THE RUM....

DIYC-21-PHRF-APPLICATION