



OFF SOUNDINGS CLUB ANNUAL PHRF

2023 CERTIFICATE

DATE ISSUED 5/12/2023

EXPIRES DECEMBER 31, 2023

FINAL RATING: SPINNAKER	129	NON-SPINNAKER	151	DBL-HNDED	160
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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 OSCboatname22.xls (ex.OSCSnowbird22.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 OSC or PHRF certificate was issued. This can be obtained from your sailmaker and forwarded to OSC 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	FIREBALL	SAIL NO.	12708
MODEL	C&C 35 MK2	DATE BUILT	Mar-72
BUILDER	C&C YACHTS	HULL NO.	CCY352550374
DESIGNER	C&C DESIGN GROUP	ONE DESIGN CLASS	
OWNER'S NAME	DONALD S KERN & DONALD B KERN		
ADDRESS	32 DEFIANCE AVE		
CITY, STATE, ZIP CODE	BRISTOL, RI 02809		
YACHT CLUB	BRISTOL YC		
EVENING PHONE #	401-253-0027	CELLPHONE	401-297-5156
DAYTIME PHONE #	401-253-0027	FAX	
E-MAIL ADDRESS	don-kern@cox.net		
ANY PREVIOUS HANDICAP #	REGION	PHRF-NB	PHRF #/DATE
			17194 4/32023
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)		2843095

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"/> X Propeller Type Fold/feath: <input checked="" type="checkbox"/> X # of Blades Two: <input checked="" type="checkbox"/> X Keel Material: Lead: <input checked="" type="checkbox"/> X Rudder type: Attached: <input type="checkbox"/> Engine: Inboard: <input checked="" type="checkbox"/> X Keel Type: Fin: <input checked="" type="checkbox"/> X Mast Material: Aluminum: <input checked="" type="checkbox"/> X Spinnaker Pole: None: <input type="checkbox"/>	In Aperture: <input type="checkbox"/> Autoprop: <input type="checkbox"/> Three: <input type="checkbox"/> Iron: <input type="checkbox"/> Spade: <input checked="" type="checkbox"/> X Outboard: <input type="checkbox"/> Full: <input type="checkbox"/> Wood: <input type="checkbox"/> Traditional: <input checked="" type="checkbox"/> X	Retracted: <input type="checkbox"/> Solid: <input type="checkbox"/> Four: <input type="checkbox"/> Other: <input type="checkbox"/> Skeg: <input type="checkbox"/> None: <input type="checkbox"/> K/C Board: <input type="checkbox"/> Crb-Fiber: <input type="checkbox"/> Sprit: <input type="checkbox"/>
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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		MGU	
MGM		MGL	

RIG AND SAIL DIMENSIONS

Overall hull length	LOA	35.73	DRAFT	6.00
Foretriangle base	I	46.98	BALLAST	5620.00
Boat J dimension	J	15.32	WPL	
Boat P dimension main hoist	P	41.08	TPS	
Banded main foot length E	E	11.55	PY	
Displacement in pounds	Disp.	13810	EY	
Length waterline	LWL	29.97	SPL	15.30
Maximum beam	Beam	10.64	ISP	46.98

LARGEST HEADSAIL USED (LP TO NEAREST .01FT)

23.75

LARGEST SYMMETRIC SPINNAKER	GIRTH:	27.58	SAIL LUFF:	46.00
AREA SQUARE FEET			SAIL FOOT:	27.42
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:		SLU:	
SLE:		ASF:	

DO YOU HAVE A FREE FLYING HEADSAIL

☐ Yes ☒ No

LP		AMG:		SLU:	
		SLE:		ASF:	

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 2023 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 OSC 2022 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

☐ 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 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% x 1.3 x 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

Replaced upper shrouds, back and forestay wire same as original (2023)

replaced lower shrouds (wire same as original), replaced atomic 4 with rebuilt atomic 4 (2014)

C&C FACTORY MOD; E=11.55' VS STD 13.5', DRAFT 6.0 VS STD 5.50 (1974)

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 ☒CANVAS ☐CANVAS DOUBLE HANDED ☐**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	C&C 35 MK2		
DESIGN J	15.32	SPINN.	NON-SPINN
BASE HANDICAP		123	145
EXCESS MAINSAIL GIRTH		0	0
EXCESS MAINSAIL FT - ACTUAL E/std E	11.55' 15% >	9	9
LP % OF J	155%	0	0
1.8SPL/J or GIRTH/SPL or SMW/SPL	177%	0	
DECK STEPPED ASYM SPINN CREDIT TPS/std J		0	
ASYM SPRIT SPINN ACTUAL AMG/TPS		0	
DECK TACKED TPS/J		0	
MAST ACTUAL "I"/STD. "I"	1	0	0
FREE FLYING HEADSAILS		0	0
PROPELLER	2BLD-FEATH	0	0
RECREATIONAL CREDITS	N/A	0	0
MISCELLANEOUS	DPR KEEL+.5'	-3	-3
ABOVE DECK ROLL FURL. ADJUSTMENT:		0	0
FINAL HANDICAP:	CALCULATED =>	129	151
DOUBLE HANDED CANVAS HANDICAP			160

DIYC Handicappers signature: *Paul von Maffei*

Date Issued

5/12/2023

EXPIRES: 12-31-2023

ISSUED 3.1.2023

COMMENTS FROM THE HANDICAPPER:

Rig mod;e dim=11.55' versus 13.5'. +9

DRAFT INCREASED FROM 5.5' TO 6.0' -3

OSC 2023 CERT