

## 2023 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2024, or upon change of ownership, whichever comes first.

**Certificate status: Renewed**

Ratings	
127	150
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Donald S Kern
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	Bristol

### Yacht

<b>Yacht Name:</b> Fireball	<b>Sail Number:</b> 12708
<b>Designer:</b> C&C Design Group	
<b>Manufacturer:</b> C&C Yachts	<b>Model:</b> C&C 35-2
<b>Hull Serial Number:</b> CCY352550374	<b>Date Manufactured:</b> 1974
<b>Other Ratings:</b>	<b>Date Last Rated:</b>

### Boat Measurements

<b>I:</b> 46.98	<b>J:</b> 15.32	<b>LOA:</b> 35.73
<b>P:</b> 41.08	<b>E:</b> 11.55	<b>LWL:</b> 29.97
<b>ISP:</b> 46.98	<b>SPL:</b> 15.3	<b>Draft:</b> Max 6
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 10.64	<b>Displacement:</b> 13810	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Masthead	
<b>Keel Weight:</b> 5620	<b>Keel Material:</b> Lead	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b>	
<b>Mast Material:</b> Aluminum	<b>Spinnaker Type(s):</b> Symmetrical	
<b>Asymmetrical Spinnaker Tacked To:</b>		

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	155	<b>MHB</b>	0.50
<b>Headsail 2</b>	138	<b>MUW</b>	2.57
<b>Headsail 3</b>	110	<b>MTW</b>	4.53
<b>Headsail 4</b>	85	<b>MHW</b>	7.5
		<b>MQW</b>	9.65

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	0	27.17	26.83	47.08	47.16
<b>Spin 2</b>	0	27.58	27.42	46	46
<b>Spin 3</b>	0	23.1	22	45.25	45.25
<b>Code 0</b>					

**Headsail Credit:** n/a

### Variables

<b>Engine:</b> Inboard	<b>Prop. Type:</b> Folding
<b>Prop. Install:</b> Exposed Shaft	<b>Rudder:</b> Spade
<b># of Blades:</b> 2	<b>Keel:</b> Fin Keel

### Comments/Modifications

RIGMOD.-E DIM.IS 11.55 FT. VS. STD.E OF13.50 FT+9;DRAFT IS 6 VS 5.6-3  
Previously rated 2011.  
2022- Headsail change to 155%.  
2023- Main measurements provided, +4 compared to original boom of 13.5'. Draft -3.

### Committee Use Only

PHRF #: 17194			
<b>Base Rating</b>	126	<b>Non-Spin Adj.</b>	23
<b>Genoa Spin Adj.</b>	0	<b>Genoa Non-Spin Adj.</b>	0
<b>Mainsail Adj.</b>	4	<b>Furling Adj.</b>	0
<b>Spin. Area Adj.</b>	0	<b>Whisker Pole Adj.</b>	0
<b>Prop. Adjustment</b>	0		
<b>Mast Adj.</b>	0	<b>Misc. Adj.</b>	-3
<b>Committee Signature</b>	<b>Date</b>		
Donald S Kern	2023-04-10		