

## 2022 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2023, or upon change of ownership, whichever comes first.

**Certificate status: Published**

Ratings	
-25	-2
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	MudRatz Youth Sailing
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	Mudratz

### Yacht

<b>Yacht Name:</b> Spitfire	<b>Sail Number:</b> CAN1445
<b>Designer:</b> Farr Yacht Design	
<b>Manufacturer:</b> Carroll Marine	<b>Model:</b> Corel 45
<b>Hull Serial Number:</b>	<b>Date Manufactured:</b>
<b>Other Ratings:</b> ORR GPH: 509.2 SpM	<b>Date Last Rated:</b>

### Boat Measurements

<b>I:</b> 59.28	<b>J:</b> 17.88	<b>LOA:</b> 45.28
<b>P:</b> 61.68	<b>E:</b> 22.18	<b>LWL:</b> 40.16
<b>ISP:</b> 59.4	<b>SPL:</b> 17.88	<b>Draft:</b> Max 9.7
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 13.73	<b>Displacement:</b> 15997	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Fractional	
<b>Keel Weight:</b> 8031	<b>Keel Material:</b> Lead	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b> NO	
<b>Mast Material:</b> Carbon	<b>Spinnaker Type(s):</b> Asymmetrical	
<b>Asymmetrical Spinnaker Tacked To:</b> apole fsprit		

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	102	<b>MHB</b>	0.87
<b>Headsail 2</b>	100	<b>MUW</b>	4.72
<b>Headsail 3</b>	85	<b>MTW</b>	8.33
<b>Headsail 4</b>		<b>MHW</b>	14.24
		<b>MQW</b>	18.6

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	19.59	37.07	35.76	64.63	64.66
<b>Spin 2</b>	19.54	31.53	35.86	68.08	55.84
<b>Spin 3</b>					
<b>Code 0</b>					

**Headsail Credit:** n/a

### Variables

<b>Engine:</b> Inboard	<b>Prop. Type:</b> Folding
<b>Prop. Install:</b> Sail Drive	<b>Rudder:</b> Spade
<b># of Blades:</b> 3	<b>Keel:</b> Fin Keel

### Comments/Modifications

2022- Increased isp. and spin area -6 , Slightly undersized main +1. Revision #1, Added, Fixed point forward of head stay attachment on centerline.

### Committee Use Only

PHRF #: 17067			
<b>Base Rating</b>	-20	<b>Non-Spin Adj.</b>	17
<b>Genoa Spin Adj.</b>	0	<b>Genoa Non-Spin Adj.</b>	0
<b>Mainsail Adj.</b>	1	<b>Furling Adj.</b>	0
<b>Spin. Area Adj.</b>	-6	<b>Whisker Pole Adj.</b>	0
<b>Prop. Adjustment</b>	0		
<b>Mast Adj.</b>	0	<b>Misc. Adj.</b>	0
<b>Committee Signature</b>	<b>Date</b>		
Katherine Rotsky	08/04/2022		