

## 2024 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2025, or upon change of ownership, whichever comes first.

**Certificate status:** Published

Ratings	
164	190
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Frank Barnes
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	East Greenwich Yacht Club

### Yacht

<b>Yacht Name:</b> SoCoWe - Mystic Revival	<b>Sail Number:</b> 22169
<b>Designer:</b> William Shaw	
<b>Manufacturer:</b> Pearson	<b>Model:</b> PEARSON 10M
<b>Hull Serial Number:</b> PEA52169M77B	<b>Date Manufactured:</b> 1977
<b>Other Ratings:</b>	<b>Date Last Rated:</b>

### Boat Measurements

<b>I:</b> 44	<b>J:</b> 14.2	<b>LOA:</b> 33.04
<b>P:</b> 37.75	<b>E:</b> 10.5	<b>LWL:</b> 28.33
<b>ISP:</b> 0	<b>SPL:</b> 0	<b>Draft:</b> Max 5.92
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 11	<b>Displacement:</b> 12441	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Masthead	
<b>Keel Weight:</b> 5445	<b>Keel Material:</b> Lead	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b>	
<b>Mast Material:</b> Aluminum	<b>Spinnaker Type(s):</b>	
<b>Asymmetrical Spinnaker Tacked To:</b>		

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	103	<b>MHB</b>	0.46
<b>Headsail 2</b>		<b>MUW</b>	2.26
<b>Headsail 3</b>		<b>MTW</b>	4.08
<b>Headsail 4</b>		<b>MHW</b>	6.97
		<b>MQW</b>	9.18

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>					
<b>Spin 2</b>					
<b>Spin 3</b>					
<b>Code 0</b>					

**Headsail Credit:** Roller Furling

### Variables

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

### Comments/Modifications

2024-Undersized headsail +1 updated headsail, dropped 149 adj +9/+12, Calculated modified boom height +2.

### Committee Use Only

PHRF #: 18268			
<b>Base Rating</b>	150	<b>Non-Spin Adj.</b>	23
<b>Genoa Spin Adj.</b>	9	<b>Genoa Non-Spin Adj.</b>	12
<b>Mainsail Adj.</b>	2	<b>Furling Adj.</b>	3
<b>Spin. Area Adj.</b>	0	<b>Whisker Pole Adj.</b>	0
<b>Prop. Adjustment</b>	0		
<b>Mast Adj.</b>		<b>Misc. Adj.</b>	0
<b>Committee Signature</b>	<b>Date</b>		
Katherine Rotsky	2024-05-29		