

## 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

60	76
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Johnston, Todd
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	East Greenwich YC

### Yacht

<b>Yacht Name:</b> Goat Rodeo	<b>Sail Number:</b> 52218
<b>Designer:</b> R/P	
<b>Manufacturer:</b> Seaquest Yachts	<b>Model:</b> SEAQUEST 36
<b>Hull Serial Number:</b> GBSQY3600A402	<b>Date Manufactured:</b> 2002
<b>Other Ratings:</b>	<b>Date Last Rated:</b>

### Boat Measurements

<b>I:</b> 46.1	<b>J:</b> 13.12	<b>LOA:</b> 36
<b>P:</b> 47.54	<b>E:</b> 18	<b>LWL:</b> 32.8
<b>ISP:</b> 50.8	<b>SPL:</b> 13.12	<b>Draft:</b> Max 7.21
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 10.82	<b>Displacement:</b> 11176	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Fractional	
<b>Keel Weight:</b> 5500	<b>Keel Material:</b> Lead/steel	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b> no	
<b>Mast Material:</b> Aluminum	<b>Spinnaker Type(s):</b> Asymmetrical	
<b>Asymmetrical Spinnaker Tacked To:</b> fsprit		

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	105	<b>MHB</b>	0.70
<b>Headsail 2</b>	101	<b>MUW</b>	4.50
<b>Headsail 3</b>	91	<b>MTW</b>	7.06
<b>Headsail 4</b>	0	<b>MHW</b>	11.18
		<b>MQW</b>	14.62

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	17.05	26	30.6	55.75	49
<b>Spin 2</b>	17.05	30.6	30.85	57.56	49.89
<b>Spin 3</b>	17.05	31.8	28.83	58.27	49.02
<b>Code 0</b>	17.05	22.15	29.5	51.18	48.8

**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> Strut/Bulb

### Comments/Modifications

2011: Increased ISP 10% = -4; Added fixed bow2sprit 30%= Asym= +9 - Bow Sprit -9 = O Rating is provisional 2012: New rudder built on old post. Area increased by 49%..old .496m/new .74ms..see attached diagram. Weight increased from 47 lbs to 57 lbs. M=-1 sec. 2013: New #2 spinnaker recorded. 2014: Base rating changed +3 to 57 on 5/19/14. 2015: Base rating changed +3 to 60 on 5/27/15. 2018-Asym credit +7, bow sprit -9 = -2. ISP -4 + Asym -2 = -6. 2020- Asym Retro Fit Area -10, Asym Retro Install Adj +5= -5 2022- Undersized main by 2.35%=+1 2023- New Asym Retro Instal +9 + Asym Area -10 = -1

### Committee Use Only

PHRF #: 17371			
<b>Base Rating</b>	60	<b>Non-Spin Adj.</b>	15
<b>Genoa Spin Adj.</b>	0	<b>Genoa Non-Spin Adj.</b>	0
<b>Mainsail Adj.</b>	2	<b>Furling Adj.</b>	0
<b>Spin. Area Adj.</b>	-1	<b>Whisker Pole Adj.</b>	0
<b>Prop. Adjustment</b>	0		
<b>Mast Adj.</b>	0	<b>Misc. Adj.</b>	-1
<b>Committee Signature</b>	<b>Date</b>		
Katherine Rotsky	2023-04-28		

Asym Adj., Revised reduced main +2. Added new spin no  
change.