

## 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	
-10	7
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Thomas Rich
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	Ida Lewis Y

### Boat Measurements

<b>I:</b> 51.84	<b>J:</b> 15.39	<b>LOA:</b> 43.01
<b>P:</b> 55.87	<b>E:</b> 20.95	<b>LWL:</b> 34.75
<b>ISP:</b> 61.25	<b>SPL:</b> 18.33	<b>Draft:</b> Max 10.3
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 12.57	<b>Displacement:</b> 12300	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Fractional	
<b>Keel Weight:</b> 6200	<b>Keel Material:</b> Steel/lead	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b>	
<b>Mast Material:</b> Carbon	<b>Spinnaker Type(s):</b> Asymmetrical Symmetrical	
<b>Asymmetrical Spinnaker Tacked To:</b> apole fsprit		

### Variables

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

### Comments/Modifications

7/22/13: Headsail changed from 137 to 131 +1; shortened 'Ein 20.95 to 20.0--square top 2in - N/C. Spinnaker pole='J'.  
2014: new ISP = -6; Keel= -6; Draft= -6; Net Misc = -18  
Comments Owner 4/25/17 Last summer keel was modified to add 750 pounds to the fin keel. Change in 14 proved slower than original, this was reported to PHRFNB but was told to do 1 remaining race under same certificate, This keel change made the boat rate 8 clicks slower IRC. This winter we are going back to a spinnaker pole and shortening the centerline prod installed in 13 from 20.17 to 18.33'. We are going back to a "pin head" main no longer using the square top. E is going back to 20.83' slightly shorter than original prior to 13 mods. We are also increasing genoe size to 144%.

### Yacht

<b>Yacht Name:</b> Settler	<b>Sail Number:</b> 52643
<b>Designer:</b> Tripp	
<b>Manufacturer:</b> NEB	<b>Model:</b> Tripp 43
<b>Hull Serial Number:</b>	<b>Date Manufactured:</b> 1997
<b>Other Ratings:</b>	<b>Date Last Rated:</b>

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	144	<b>MHB</b>	0.73
<b>Headsail 2</b>	144	<b>MUW</b>	4.56
<b>Headsail 3</b>	131	<b>MTW</b>	7.87
<b>Headsail 4</b>	100	<b>MHW</b>	13.45
		<b>MQW</b>	17.39

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	18.96	33.3	33.1	62.66	62.66
<b>Spin 2</b>	18.6	33.46	35.27	67.92	55.12
<b>Spin 3</b>					
<b>Code 0</b>					

**Headsail Credit:** n/a

### Committee Use Only

PHRF #: 16902			
<b>Base Rating</b>	-12	<b>Non-Spin Adj.</b>	15
<b>Genoa Spin Adj.</b>	3	<b>Genoa Non-Spin Adj.</b>	3
<b>Mainsail Adj.</b>	1	<b>Furling Adj.</b>	0
<b>Spin. Area Adj.</b>	-2	<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	06/16/2022		

2017- SPL oversized -6. Misc Keel mod 2014 -6, Keel mod

2016 -3 Draft increase -6 ISP increase -6 = -21.

2018-New Base rating -12, which includes previous mods,  
only credit is for the genoa. Distance forward included in  
base.

2021-Asym retrofit Area -2, Symmetric -2. = -2. Revision #1  
Mainsail adj +1.