

## 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	
-40	-14
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

### Yacht

<b>Yacht Name:</b> Settler	<b>Sail Number:</b> 8668
<b>Designer:</b> Botin Carkeek Partners	
<b>Manufacturer:</b> King Marine	<b>Model:</b> BOTIN GP 42 CTM (Settler)
<b>Hull Serial Number:</b> 748284	<b>Date Manufactured:</b> 2007
<b>Other Ratings:</b> IRC 2023 ORC estimated test	<b>Date Last Rated:</b>

### Boat Measurements

<b>I:</b> 51.77	<b>J:</b> 16.33	<b>LOA:</b> 42.0
<b>P:</b> 55.09	<b>E:</b> 19.49	<b>LWL:</b> 40.16
<b>ISP:</b> 60.99	<b>SPL:</b> 0	<b>Draft:</b> Max 9.84
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 12.8	<b>Displacement:</b> 9445	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Fractional	
<b>Keel Weight:</b> 4442	<b>Keel Material:</b> steel/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> fsprit		

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	107.6	<b>MHB</b>	4.33
<b>Headsail 2</b>	107.6	<b>MUW</b>	6.23
<b>Headsail 3</b>		<b>MTW</b>	8.73
<b>Headsail 4</b>		<b>MHW</b>	12.80
		<b>MQW</b>	16.31

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	24.84	38.52	38.52	70.34	58.89
<b>Spin 2</b>	24.84	39.91	38.94	69.46	59.15
<b>Spin 3</b>					
<b>Code 0</b>	24.84	22.15	29.53	55.77	52.49

**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> 2	<b>Keel:</b> Strut/Bulb

### Comments/Modifications

2023- -11 Asym Retro Area, +2 Asym Retro Install = -9 Asym Adj. -1 Main area Adj. Revised, base change to -30.

### Committee Use Only

PHRF #: 17581			
<b>Base Rating</b>	-30	<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>	-9	<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	2023-05-25		