

## 2021 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2022, or upon change of ownership, whichever comes first.

**Certificate status: Renewed**

Ratings	
147	167
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Frary, Stephen R.
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	New York Yacht Club

### Yacht

<b>Yacht Name:</b> Narwhal	<b>Sail Number:</b> 73
<b>Designer:</b> LF Herreshoff	
<b>Manufacturer:</b> Legendary Yachts	<b>Model:</b> CTM Herreshoff, LF 64
<b>Hull Serial Number:</b>	<b>Date Manufactured:</b> 1999
<b>Other Ratings:</b> CRF 23.09 ft/144 sec/mi	<b>Date Last Rated:</b>
<b>Previous Name:</b>	<b>Previous Location:</b>

### Boat Measurements

<b>I:</b> 58.8	<b>J:</b> 30.25	<b>LOA:</b> 63.5
<b>P:</b> 62.33	<b>E:</b> 27.58	<b>LWL:</b> 54.75
<b>ISP:</b> 58.8	<b>SPL:</b> 0	<b>Draft:</b> Max 6.25
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 15	<b>Displacement:</b> 75000	
<b>Rig Type:</b> Gaff schooner	<b>Rig:</b> Fractional	
<b>Keel Weight:</b> 24000	<b>Keel Material:</b> Lead	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b>	
<b>Mast Material:</b> Carbon	<b>Spinnaker Type(s):</b>	
<b>Asymmetrical Spinnaker Tacked To:</b>		

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	45	<b>MHB</b>	
<b>Headsail 2</b>		<b>MUW</b>	
<b>Headsail 3</b>		<b>MTW</b>	
<b>Headsail 4</b>		<b>MHW</b>	
		<b>MQW</b>	

**Non-Overlapping Headsail Standard:**

### 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:** n/a

### Variables

<b>Engine:</b> Inboard	<b>Prop. Type:</b> Feathering
<b>Prop. Install:</b> Aperture	<b>Rudder:</b> Keel
<b># of Blades:</b> 3	<b>Keel:</b> Full Keel

### Comments/Modifications

2021- No spin onboard.

### Committee Use Only

PHRF #: 16257			
<b>Base Rating</b>	150	<b>Non-Spin Adj.</b>	20
<b>Genoa Spin Adj.</b>	0	<b>Genoa Non-Spin Adj.</b>	0
<b>Mainsail Adj.</b>	0	<b>Furling Adj.</b>	0
<b>Spin. Area Adj.</b>	0	<b>Whisker Pole Adj.</b>	0
<b>Prop. Adjustment</b>	-3		
<b>Mast Adj.</b>	0	<b>Misc. Adj.</b>	0
<b>Committee Signature</b>	<b>Date</b>		
Katherine Rotsky	09/10/2021		