

## 2023 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2024, or upon change of ownership, whichever comes first.

**Certificate status:** Published

Ratings	
42	61
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Terrence Arndt
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	Larchmont YC & Storm Trysail Club

### Yacht

<b>Yacht Name:</b> Resolute IV	<b>Sail Number:</b> USA 9393
<b>Designer:</b> Niels Jeppesen	
<b>Manufacturer:</b> X-Yachts	<b>Model:</b> IMX 40
<b>Hull Serial Number:</b> 70	<b>Date Manufactured:</b> 2001
<b>Other Ratings:</b> PHRF NE 42	<b>Date Last Rated:</b>

### Boat Measurements

<b>I:</b> 52.54	<b>J:</b> 14.8	<b>LOA:</b> 40.03
<b>P:</b> 49.89	<b>E:</b> 18.05	<b>LWL:</b> 34.6
<b>ISP:</b> 56.7	<b>SPL:</b> 14.8	<b>Draft:</b> Max 8.02
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 12.38	<b>Displacement:</b> 14473	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Fractional	
<b>Keel Weight:</b> 5275	<b>Keel Material:</b> Iron/lead	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b> Led 560 Lb.	
<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>	152	<b>MHB</b>	0.6
<b>Headsail 2</b>	142	<b>MUW</b>	3.82
<b>Headsail 3</b>	97	<b>MTW</b>	6.75
<b>Headsail 4</b>	90	<b>MHW</b>	11.59
		<b>MQW</b>	15

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	19.3	35.78	32.9	64.22	55.02
<b>Spin 2</b>	19.3	31.61	33.63	62.35	57.28
<b>Spin 3</b>	19.3	19.12	25.6	57.09	53.81
<b>Code 0</b>	19.3	19.19	25.59	57.09	53.81

**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> Fin Keel

### Comments/Modifications

2021- Rudder -2, ballast +2=0, plus Asym retrofit -10, plus Asym retro +5= -5.  
2022- Changed displacement effecting Retro Install Adj. New Code Zero.  
2023-Asym Area -10 plus Asym retro +9= -1

### Committee Use Only

PHRF #: 17293			
<b>Base Rating</b>	42	<b>Non-Spin Adj.</b>	18
<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>	-1	<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	2023-04-28		