

## 2021 PHRF-NB Membership/Rating Certificate

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

**Certificate status: Published**

Ratings	
109	124
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Matt Breuer
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	

### Boat Measurements

<b>I:</b> 53	<b>J:</b> 14.5	<b>LOA:</b> 41.44
<b>P:</b> 45.89	<b>E:</b> 16.42	<b>LWL:</b> 34.75
<b>ISP:</b> 52.95	<b>SPL:</b> 14.5	<b>Draft:</b> Max 4.5
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 12.68	<b>Displacement:</b> 19200	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Masthead	
<b>Keel Weight:</b> 8200	<b>Keel Material:</b> Iron	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b>	
<b>Mast Material:</b> Aluminum	<b>Spinnaker Type(s):</b> Asymmetrical	
<b>Asymmetrical Spinnaker Tacked To:</b> bow		

### Variables

<b>Engine:</b> Inboard	<b>Prop. Type:</b> Folding
<b>Prop. Install:</b> Exposed Shaft	<b>Rudder:</b> Spade
<b># of Blades:</b> 3	<b>Keel:</b> Centerboard

### Comments/Modifications

2019-Asym adjustment +9 minus distance forward -4=5.  
Centerboard model 4.5' up and 7.9' down.  
2021- Oversized Main -2.

### Yacht

<b>Yacht Name:</b> Dauntless	<b>Sail Number:</b> USA61189
<b>Designer:</b> Roger Hewson	
<b>Manufacturer:</b> Sabre	<b>Model:</b> Sabre 425 CB
<b>Hull Serial Number:</b> 966595	<b>Date Manufactured:</b> 1990
<b>Other Ratings:</b> ORR	<b>Date Last Rated:</b>

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	140	<b>MHB</b>	0.2
<b>Headsail 2</b>	139	<b>MUW</b>	3.44
<b>Headsail 3</b>		<b>MTW</b>	6.26
<b>Headsail 4</b>		<b>MHW</b>	13.84
		<b>MQW</b>	13.84

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	16.5	28.5	30.94	56.27	49.7
<b>Spin 2</b>	16.5	30.94	30.54	58.46	48.98
<b>Spin 3</b>	16.5	21.13	28.02	52.62	51.31
<b>Code 0</b>					

**Headsail Credit:** Roller Furling

### Committee Use Only

PHRF #: 15730		
<b>Base Rating</b>	99	<b>Non-Spin Adj.</b> 20
<b>Genoa Spin Adj.</b>	4	<b>Genoa Non-Spin Adj.</b> 4
<b>Mainsail Adj.</b>	-2	<b>Furling Adj.</b> 3
<b>Spin. Area Adj.</b>	5	<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	05/11/2021	