

## 2024 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2025, or upon change of ownership, whichever comes first.

**Certificate status: Published**

Ratings	
75	93
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Matt Brooks
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	NYYC, St. Francis

### Yacht

<b>Yacht Name:</b> DORADE	<b>Sail Number:</b> 16
<b>Designer:</b> Sparkman & Stephens	
<b>Manufacturer:</b> Minneford Yacht Yard	<b>Model:</b> S&S 52 YWL CTM (Dorade)
<b>Hull Serial Number:</b> S&S Design 7	<b>Date Manufactured:</b> 1930
<b>Other Ratings:</b>	<b>Date Last Rated:</b>

### Boat Measurements

<b>I:</b> 57.18	<b>J:</b> 17.45	<b>LOA:</b> 52.53
<b>P:</b> 50.75	<b>E:</b> 23.59	<b>LWL:</b> 39.9
<b>ISP:</b> 57.18	<b>SPL:</b> 17.45	<b>Draft:</b> Max 8.5
<b>Py:</b> 22.64	<b>Ey:</b> 10.5	
<b>Beam:</b> 10.27	<b>Displacement:</b> 37980	
<b>Rig Type:</b> Yawl	<b>Rig:</b> Masthead	
<b>Keel Weight:</b> 16000	<b>Keel Material:</b> Lead	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b> None	
<b>Mast Material:</b> Wood	<b>Spinnaker Type(s):</b> Asymmetrical	
<b>Asymmetrical Spinnaker Tacked To:</b> apole		

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	179	<b>MHB</b>	0.26
<b>Headsail 2</b>	169	<b>MUW</b>	4
<b>Headsail 3</b>	150	<b>MTW</b>	7.7
<b>Headsail 4</b>		<b>MHW</b>	13.58
		<b>MQW</b>	18.64

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>					
<b>Spin 2</b>	17.45	30.48	30.5	60.17	51.94
<b>Spin 3</b>	17.45	25.16	31.14	57.51	52.46
<b>Code 0</b>					

**Headsail Credit:** n/a

### Variables

<b>Engine:</b> Inboard	<b>Prop. Type:</b> Folding
<b>Prop. Install:</b> Exposed Shaft	<b>Rudder:</b> Keel
<b># of Blades:</b> 2	<b>Keel:</b> Full Keel

### Comments/Modifications

2011: Side Drive on Port side of boat; In board engine added = M +6  
2021- Oversized spin -12 plus oversized oversized genoa .  
2023- Asym retrofit area only -6. Undersized main +3.  
2024-No changes, revised, dropped largest spin. New spin attached to cert.

### Committee Use Only

PHRF #: 18015			
<b>Base Rating</b>	74	<b>Non-Spin Adj.</b>	18
<b>Genoa Spin Adj.</b>	-8	<b>Genoa Non-Spin Adj.</b>	-8
<b>Mainsail Adj.</b>	3	<b>Furling Adj.</b>	0
<b>Spin. Area Adj.</b>	0	<b>Whisker Pole Adj.</b>	0
<b>Prop. Adjustment</b>	0		
<b>Mast Adj.</b>	0	<b>Misc. Adj.</b>	6
<b>Committee Signature</b>	<b>Date</b>		
Katherine Rotsky	2024-04-15		