

## 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	
75	96
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Mike Hirshland
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	

### Yacht

<b>Yacht Name:</b> Meraki	<b>Sail Number:</b> 51722
<b>Designer:</b> German Frers	
<b>Manufacturer:</b> OY Nautor AB	<b>Model:</b> SWAN 442 TM
<b>Hull Serial Number:</b> SWN44138H898	<b>Date Manufactured:</b> 1998
<b>Other Ratings:</b> PHRF Long Island W/L Base 66; Distance 60 (2007); IMS GPH 615.1;	<b>Date Last Rated:</b>

### Boat Measurements

<b>I:</b> 59.4	<b>J:</b> 16.75	<b>LOA:</b> 44.0
<b>P:</b> 52.67	<b>E:</b> 17.58	<b>LWL:</b> 34.60
<b>ISP:</b> 59.4	<b>SPL:</b> 16.75	<b>Draft:</b> Max 7.17
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 13.7	<b>Displacement:</b> 25000	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Masthead	
<b>Keel Weight:</b> 8400	<b>Keel Material:</b> lead	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b>	
<b>Mast Material:</b> Carbon	<b>Spinnaker Type(s):</b> Symmetrical	
<b>Asymmetrical Spinnaker Tacked To:</b>		

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	149	<b>MHB</b>	0.49
<b>Headsail 2</b>	95	<b>MUW</b>	3.22
<b>Headsail 3</b>		<b>MTW</b>	5.94
<b>Headsail 4</b>		<b>MHW</b>	10.66
		<b>MQW</b>	14.17

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	0	30.1	30.1	58.5	58.5
<b>Spin 2</b>					
<b>Spin 3</b>					
<b>Code 0</b>					

**Headsail Credit:** Roller Furling

### 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> Fin Keel

### Comments/Modifications

2022- Genoa adj +5.  
2023- Corrected Model to Swan 442 TM , Main +2, roller furler +3.

### Committee Use Only

PHRF #: 17821			
<b>Base Rating</b>	69	<b>Non-Spin Adj.</b>	21
<b>Genoa Spin Adj.</b>	1	<b>Genoa Non-Spin Adj.</b>	1
<b>Mainsail Adj.</b>	2	<b>Furling Adj.</b>	3
<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>	0
<b>Committee Signature</b>	<b>Date</b>		
Katherine Rotsky	2023-08-19		