

## 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	
-42	-57
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Oakcliff Sailing
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	Oakcliff Sailing

### Yacht

<b>Yacht Name:</b> Siren - Oakcliff	<b>Sail Number:</b> 50069
<b>Designer:</b> Jason Ker	
<b>Manufacturer:</b>	<b>Model:</b> KER 50
<b>Hull Serial Number:</b> unknown	<b>Date Manufactured:</b> 2006
<b>Other Ratings:</b>	<b>Date Last Rated:</b>

### Boat Measurements

<b>I:</b> 65.62	<b>J:</b> 19.75	<b>LOA:</b> 50.62
<b>P:</b> 66.86	<b>E:</b> 22.63	<b>LWL:</b> 41.2
<b>ISP:</b> 73.78	<b>SPL:</b> 0	<b>Draft:</b> Max 10.23
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 13.64	<b>Displacement:</b> 22182	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Fractional	
<b>Keel Weight:</b> 11243	<b>Keel Material:</b> Lead	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b> NO	
<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>	105	<b>MHB</b>	
<b>Headsail 2</b>	105	<b>MUW</b>	
<b>Headsail 3</b>	100	<b>MTW</b>	
<b>Headsail 4</b>	85	<b>MHW</b>	
		<b>MQW</b>	

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	26.5	44.22	42.58	85.6	70.37
<b>Spin 2</b>	26.5	47.48	40	70.8	65.5
<b>Spin 3</b>					
<b>Code 0</b>					

**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

I estimated the Foot and leech Length on the code 0 as I do not have the full sail measurement certificate on hand, but I suspect with the SMG and Luff Length you are OK to rate but I will update.

2017-Asym +9 -12 bow sprit =3. -3 oversized asym=-6.

2021- Asym Factory Install Area -3.

2022- No changes.

2023- No changes

2024- No changes.

### Committee Use Only

PHRF #: 18325			
<b>Base Rating</b>	-39	<b>Non-Spin Adj.</b>	-18
<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>	-3	<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>		
Donald S Kern	2024-06-07		