

## 2021 PHRF-NB Membership/Rating Certificate

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

**Certificate status: Provisional**

Ratings	
119	132
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Constantine Baris
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	New York Yacht Club

### Yacht

<b>Yacht Name:</b> Dancing Bear III	<b>Sail Number:</b> 42134
<b>Designer:</b> Neils Helleberg	
<b>Manufacturer:</b> Alden Yachts	<b>Model:</b> Alden 50 CB CC
<b>Hull Serial Number:</b> 3831702	<b>Date Manufactured:</b> 1988
<b>Other Ratings:</b> YRALIS PHRF spin distance 120	<b>Date Last Rated:</b>

### Boat Measurements

<b>I:</b> 60	<b>J:</b> 19.3	<b>LOA:</b> 50.3
<b>P:</b> 53.3	<b>E:</b> 18.8	<b>LWL:</b> 37.1
<b>ISP:</b> 60	<b>SPL:</b> 0	<b>Draft:</b> Max 10.1 / Min 5.33
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 13.5	<b>Displacement:</b> 35000	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Masthead	
<b>Keel Weight:</b> 13000	<b>Keel Material:</b> Lead	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b> No	
<b>Mast Material:</b> Aluminum	<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>	145	<b>MHB</b>	0.29
<b>Headsail 2</b>	105	<b>MUW</b>	3.06
<b>Headsail 3</b>		<b>MTW</b>	5.87
<b>Headsail 4</b>		<b>MHW</b>	11.04
		<b>MQW</b>	15.5

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	23.65	40.03	37.7	68.48	57.05
<b>Spin 2</b>	23.65	0	0	0	0
<b>Spin 3</b>					
<b>Code 0</b>					

**Headsail Credit:** n/a

### Variables

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

### Comments/Modifications

2021-Hollow leach +6, Asym retrofit area -4 plus Asym retro Instal +12= +8. Provisional, to be reviewed at the end of the season.

### Committee Use Only

PHRF #: 15464			
<b>Base Rating</b>	102	<b>Non-Spin Adj.</b>	21
<b>Genoa Spin Adj.</b>	3	<b>Genoa Non-Spin Adj.</b>	3
<b>Mainsail Adj.</b>	6	<b>Furling Adj.</b>	0
<b>Spin. Area Adj.</b>	8	<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	2021-04-27		