

## 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	
140	136
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Lance Ryley
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	Constitution Yacht Club

### Yacht

<b>Yacht Name:</b> Glory	<b>Sail Number:</b> 28
<b>Designer:</b> Gary Mull	
<b>Manufacturer:</b> Freedom Yachts	<b>Model:</b> Freedom 45 CC TM WK
<b>Hull Serial Number:</b> 28	<b>Date Manufactured:</b> 1991
<b>Other Ratings:</b>	<b>Date Last Rated:</b>
<b>Previous Name:</b>	<b>Previous Location:</b>

### Boat Measurements

<b>I:</b> 44.83	<b>J:</b> 15.08	<b>LOA:</b> 45
<b>P:</b> 51.5	<b>E:</b> 18.5	<b>LWL:</b> 34.4
<b>ISP:</b> 45.2	<b>SPL:</b> 15.08	<b>Draft:</b> Max 5.17
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 13.5	<b>Displacement:</b> 23500	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Fractional	
<b>Keel Weight:</b> 9500	<b>Keel Material:</b> Lead	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b>	
<b>Mast Material:</b> Carbon	<b>Spinnaker Type(s):</b> Asymmetrical	
<b>Asymmetrical Spinnaker Tacked To:</b> bow		

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	95	<b>MHB</b>	0.51
<b>Headsail 2</b>		<b>MUW</b>	4.79
<b>Headsail 3</b>		<b>MTW</b>	8.4
<b>Headsail 4</b>		<b>MHW</b>	13.47
		<b>MQW</b>	16.4

**Non-Overlapping Headsail Standard:**

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	15.08	23.19	23.88	46.59	39.96
<b>Spin 2</b>					
<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> Exposed Shaft	<b>Rudder:</b> Skeg
<b># of Blades:</b> 3	<b>Keel:</b> Winged Keel

### Comments/Modifications

2020-Boat does not qualify for genoa credit.  
2021- changed prop from solid to folding. Asym retrofit +7,  
Asym Install +12 =19 as per Table D. Spin measurements documented.

### Committee Use Only

PHRF #: 15348			
<b>Base Rating</b>	123	<b>Non-Spin Adj.</b>	15
<b>Genoa Spin Adj.</b>	0	<b>Genoa Non-Spin Adj.</b>	0
<b>Mainsail Adj.</b>	-2	<b>Furling Adj.</b>	0
<b>Spin. Area Adj.</b>	19	<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	03/24/2021		