

## 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	
48	65
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Wesley Bright
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	IYAC/NYYC

### Yacht

<b>Yacht Name:</b> Twist & Shout	<b>Sail Number:</b> USA 30014
<b>Designer:</b> Mark Mills	
<b>Manufacturer:</b> US Watercraft	<b>Model:</b> C&C 30-3 ODR (2014+)
<b>Hull Serial Number:</b>	<b>Date Manufactured:</b> 2015
<b>Other Ratings:</b> PHRF-NE 42, IRC 1.122	<b>Date Last Rated:</b>

### Boat Measurements

<b>I:</b> 40	<b>J:</b> 11.3	<b>LOA:</b> 30.01
<b>P:</b> 41.83	<b>E:</b> 13.94	<b>LWL:</b> 28.7
<b>ISP:</b> 46.16	<b>SPL:</b> 18.53	<b>Draft:</b> Max 7.5
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 9.8	<b>Displacement:</b> 3995	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Fractional	
<b>Keel Weight:</b> 2000	<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> fsprit		

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	99	<b>MHB</b>	3.3
<b>Headsail 2</b>	99	<b>MUW</b>	4.74
<b>Headsail 3</b>	99	<b>MTW</b>	6.76
<b>Headsail 4</b>	98	<b>MHW</b>	9.87
		<b>MQW</b>	12.04

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	18.53	30.4	31.1	52.2	45.5
<b>Spin 2</b>	18.53	30.7	31.3	52.3	45.6
<b>Spin 3</b>	18.53	24.2	28.9	51.3	44.8
<b>Code 0</b>					

Headsail Credit: n/a

### Variables

<b>Engine:</b> Inboard	<b>Prop. Type:</b> Feathering
<b>Prop. Install:</b> Sail Drive	<b>Rudder:</b> Spade
<b># of Blades:</b> 2	<b>Keel:</b> Fin Keel

### Comments/Modifications

2022- Updated "i" measurement. Main, standard 396, spin, standard. Revision #1 revised main measurements  
Revision #2 Increased base rating +6=48.  
2023-No changes.  
2024- No changes.

### Committee Use Only

PHRF #: 18166			
<b>Base Rating</b>	48	<b>Non-Spin Adj.</b>	17
<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>	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>		
Donald S Kern	2024-05-13		