

## 2022 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2023, or upon change of ownership, whichever comes first.

**Certificate status: Published**

Ratings	
-77	-53
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Merz, Carl
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	IYAC

### Boat Measurements

<b>I:</b> 71.7	<b>J:</b> 20.47	<b>LOA:</b> 56.67
<b>P:</b> 75.62	<b>E:</b> 23.06	<b>LWL:</b> 52.5
<b>ISP:</b> 82.91	<b>SPL:</b> 31.16	<b>Draft:</b> Max 12.7
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 14.3	<b>Displacement:</b> 26704	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Fractional	
<b>Keel Weight:</b> 8000	<b>Keel Material:</b> Lead	
<b>Composite Rigging:</b> yes	<b>Other Ballast:</b>	
<b>Mast Material:</b> Carbon	<b>Spinnaker Type(s):</b> Asymmetrical	
<b>Asymmetrical Spinnaker Tacked To:</b>		

### Variables

<b>Engine:</b> Inboard	<b>Prop. Type:</b> Folding
<b>Prop. Install:</b> Sail Drive	<b>Rudder:</b> Spade
<b># of Blades:</b> 3	<b>Keel:</b> Strut/Bulb

### Comments/Modifications

2021- Added bow sprit, increased by 1 ft.  
2022- Changed acct names. Revision #1, updated sail number. Revision #2 add Lead to keel material.

### Yacht

<b>Yacht Name:</b> Outlander	<b>Sail Number:</b> USA 747
<b>Designer:</b> CTM	
<b>Manufacturer:</b> McConaghy	<b>Model:</b> Reichel Pugh 57
<b>Hull Serial Number:</b> IMPLKRLJ204	<b>Date Manufactured:</b> 2003
<b>Other Ratings:</b>	<b>Date Last Rated:</b>

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	103	<b>MHB</b>	0.23
<b>Headsail 2</b>		<b>MUW</b>	5.8
<b>Headsail 3</b>		<b>MTW</b>	9.48
<b>Headsail 4</b>		<b>MHW</b>	14.89
		<b>MQW</b>	18.89

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	24.6	47.15	49.57	91.5	79.23
<b>Spin 2</b>	24.6	25.19	33.4	80.71	76.7
<b>Spin 3</b>					
<b>Code 0</b>					

**Headsail Credit:** n/a

### Committee Use Only

PHRF #: 16234			
<b>Base Rating</b>	-72	<b>Non-Spin Adj.</b>	18
<b>Genoa Spin Adj.</b>	0	<b>Genoa Non-Spin Adj.</b>	0
<b>Mainsail Adj.</b>	1	<b>Furling Adj.</b>	0
<b>Spin. Area Adj.</b>	-6	<b>Whisker Pole Adj.</b>	0
<b>Prop. Adjustment</b>	0		
<b>Mast Adj.</b>		<b>Misc. Adj.</b>	0
<b>Committee Signature</b>		<b>Date</b>	
Katherine Rotsky		05/19/2022	