

2023 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2024, or upon change of ownership, whichever comes first.

Certificate status: Published

Ratings	
42	61
Spinnaker	Non-Spinnaker

Administrative Data

Name:	Terrence Arndt
Address:	Privacy Protected
Email:	
Primary Phone:	
Secondary Phone:	
Yacht Club:	Larchmont YC & Storm Trysail Club

Yacht

Yacht Name: Resolute IV	Sail Number: USA 9393
Designer: Niels Jeppesen	
Manufacturer: X-Yachts	Model: IMX 40
Hull Serial Number: 70	Date Manufactured: 2001
Other Ratings: PHRF NE 42	Date Last Rated:

Boat Measurements

I: 52.54	J: 14.8	LOA: 40.03
P: 49.89	E: 18.05	LWL: 34.6
ISP: 56.7	SPL: 14.8	Draft: Max 8.02
Py:	Ey:	
Beam: 12.38	Displacement: 14473	
Rig Type: Sloop	Rig: Fractional	
Keel Weight: 5275	Keel Material: Iron/lead	
Composite Rigging: no	Other Ballast: Led 560 Lb.	
Mast Material: Carbon	Spinnaker Type(s): Asymmetrical	
Asymmetrical Spinnaker Tacked To: fsprit		

Sails

Headsails to be used (LP%)		Mainsail Measurements	
Headsail 1	152	MHB	0.6
Headsail 2	142	MUW	3.82
Headsail 3	97	MTW	6.75
Headsail 4	90	MHW	11.59
		MQW	15

Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
Spin 1	19.3	35.78	32.9	64.22	55.02
Spin 2	19.3	31.61	33.63	62.35	57.28
Spin 3	19.3	19.12	25.6	57.09	53.81
Code 0	19.3	19.19	25.59	57.09	53.81

Headsail Credit: n/a

Variables

Engine: Inboard	Prop. Type: Folding
Prop. Install: Sail Drive	Rudder: Spade
# of Blades: 2	Keel: Fin Keel

Comments/Modifications

2021- Rudder -2, ballast +2=0, plus Asym retrofit -10, plus Asym retro +5= -5.
2022- Changed displacement effecting Retro Install Adj. New Code Zero.
2023-Asym Area -10 plus Asym retro +9= -1

Committee Use Only

PHRF #: 17293			
Base Rating	42	Non-Spin Adj.	18
Genoa Spin Adj.	0	Genoa Non-Spin Adj.	0
Mainsail Adj.	1	Furling Adj.	0
Spin. Area Adj.	-1	Whisker Pole Adj.	0
Prop. Adjustment	0		
Mast Adj.	0	Misc. Adj.	0
Committee Signature	Date		
Katherine Rotsky	2023-04-28		