

2021 PHRF-NB Membership/Rating Certificate

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

Certificate status: Renewed

| Ratings | |
|-----------|---------------|
| 90 | 103 |
| Spinnaker | Non-Spinnaker |

Administrative Data

| | |
|-------------------------|-------------------|
| Name: | Robert Connerney |
| Address: | Privacy Protected |
| Email: | |
| Primary Phone: | |
| Secondary Phone: | |
| Yacht Club: | Ida Lewis |

Yacht

| | |
|---|--------------------------------|
| Yacht Name: Helios | Sail Number: 13 |
| Designer: Judel/Vrolijk | |
| Manufacturer: Hanse | Model: Hanse 430e SD |
| Hull Serial Number: HANMOO36H708 | Date Manufactured: 2007 |
| Other Ratings: Boat has 2017 PHRF NB rating but it is in .jpg format and I can't upload this | Date Last Rated: |
| Previous Name: | Previous Location: |

Boat Measurements

| | | |
|---|--|------------------------|
| I: 59.08 | J: 15.42 | LOA: 43.58 |
| P: 58.08 | E: 19.5 | LWL: 39.33 |
| ISP: 59.17 | SPL: 17.92 | Draft: Max 5.66 |
| Py: | Ey: | |
| Beam: 13.75 | Displacement: 22958 | |
| Rig Type: Sloop | Rig: Fractional | |
| Keel Weight: 7064 | Keel Material: Iron | |
| Composite Rigging: no | Other Ballast: | |
| Mast Material: Aluminum | Spinnaker Type(s): Asymmetrical | |
| Asymmetrical Spinnaker Tacked To: fsprit | | |

Sails

| Headsails to be used (LP%) | | Mainsail Measurements | |
|----------------------------|-----|-----------------------|--|
| Headsail 1 | 108 | MHB | |
| Headsail 2 | | MUW | |
| Headsail 3 | | MTW | |
| Headsail 4 | | MHW | |
| | | MQW | |

Non-Overlapping Headsail Standard:

Spinnakers to be used

| Spin # | JC | SMG | Foot | Luff | Leech |
|---------------|-------|-------|-------|-------|-------|
| Spin 1 | 17.92 | 22.16 | 27.75 | 63.58 | 56 |
| Spin 2 | 17.92 | 25.63 | 29.91 | 63.58 | 54.69 |
| Spin 3 | | | | | |
| Code 0 | | | | | |

Headsail Credit: n/a

Variables

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

Comments/Modifications

2018-Previous name Maravilha. Added Asym Spinnaker, no pole +9. Revision #1

2018- Revision 2- Substituted roller furling for cruising headsail.

2019- Asym Spin +9 minus distance forward -5=4.

Increased headsail to 125%, Revision #3.

2020- Asym Factory Install Area +7. +3 for Iron Shoal Keel vs Lead Deep Draft version.

Committee Use Only

| PHRF #: 16183 | | | |
|----------------------------|----|----------------------------|----|
| Base Rating | 71 | Non-Spin Adj. | 17 |
| Genoa Spin Adj. | 9 | Genoa Non-Spin Adj. | 12 |
| Mainsail Adj. | 0 | Furling Adj. | 0 |
| Spin. Area Adj. | 7 | Whisker Pole Adj. | 0 |
| Prop. Adjustment | 0 | | |
| Mast Adj. | 0 | Misc. Adj. | 3 |
| Committee Signature | | Date | |
| Katherine Rotsky | | 08/11/2021 | |