

**US PHRF of Southeast Florida, Inc.
2019 Rating Certificate # 16-0133231**

www.phrfsef.com

Date Issued: 1/1/2019
Valid until 12/31/2019
US PHRF/SEF
PO Box 820003 Pembroke Pines, FL 33082-0003

Rating: -11
Spinnaker: ASYMMETRIC

Boat Name: Longbow
Owner: FK Day
USSA Member #: 143

Sail #: 143
Club Affiliation: Columbia Yacht Club

Hull Information

Boat Type: Class 40
Keel Type: Fin
Engine: Saildrive
Prop type: Folding
Displacement: 10,000 lbs.

Length Overall: 40.
Waterline Length: 39.7
Beam: 13.58
Draft Keel/CB: 10.00/
Ballast: 4,000 lbs.

Rig Information

Type: Fractional
Material: Carbon
Headsail %: 105
LP: 20.21
I: 56.31 J: 19.25 P: 55.03 E: 16.3
SPL: .0 ISP: 58.3 Jc: 18.08
Total Upwind SA: 1,286
Total Downwind SA: 2,292

Spinnaker girth % of J: 169

Penalty/Credit Information

| LP mod | RFH | RFJ | CRFJ | M-HL | M-VB | SFlash | OS-SPL | OS-Spin | OS-Main |
|-----------|-----|-----------------------|------|------|----------------|--------|--------|---------|---------|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Prop Mod: | | Cruising | | | Modifications: | | | | |
| | | Accommodation Credit: | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Remarks: Note: Excluding the declaration of Non Spinnaker the maximum adjustments is limited to 30

Base Rating: -11 Adjustments: 0 Final Rating: -11 Crew Limit: 12
Disp-Ballast Ratio: .4 DLR: 71
Upwind SA/D: 44.3 Downwind SA/D: 79. SA/D ratio UP/DW: .56

Endorsed by, US PHRF/SEF Chief Handicapper

Inspect this document carefully; you are obligated to immediately report in writing any errors to the US PHRF/SEF Chief Handicapper or your Regional Handicapper. Owner Certification, Waiver, Release and Covenant not to sue: I agree to race the boat described in this document as specified under regulations and rules of UNITED STATES PERFORMANCE HANDICAP RACING FLEET / SOUTHEAST FLORIDA, INC. (herein and hereafter designated PHRF/SEF) and rules in the latest edition of the *Racing Rules of Sailing* as published by *US Sailing*. Furthermore, I will immediately inform the PHRF/SEF Chief Handicapper in writing of any changes to the boat's description and its specifications as they appear in this document. *Moreover, I understand that I may not sail competitively until a new certificate is issued by PHRF/SEF which reflects any change. I also acknowledge that all activities of PHRF/SEF are undertaken by volunteers using their own time and funds for their efforts in consideration and assignment of the handicap and waive, releases, and cancels any and all claims I may have against PHRF/SEF, its officers, directors, trustees, and committee members, measurers, agents, and representatives arising out of the functions and activities of PHRF/SEF and actions of persons fulfilling the offices named above, and I do further covenant and agree not to sue or bring claim of any nature whatsoever against PHRF/SEF and all other persons acting on behalf of PHRF/SEF relating to any performance of PHRF/SEF functions and activities. I further acknowledge that participation in the sport of sailing wind driven boats in competitive events is an inherently dangerous sport in which I have freely chosen to engage.*

(Signature of Owner) (Date)

NOTE: Utilization of this certificate implies that you agree to the terms and conditions contained on this certificate regardless of acknowledge signature.