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PHRF of Southern California 2022 Rating Certificate

Boat Name Tropic Thunder

Sail Number USA 7175

Designer Berret-Racoupeau

Mfg Type Ben46

Year Built 2009

Area F

Hull No BEYKF082H910

Owner(s) John Miller

Reg No 1223080

Course Type¹	Regional Rating	Area F Rating
W/L	78	78
RLC	69	69
OWC	69	69

Maximum Headsail Size 133.00%

Performance Factor 1.50

Non-Spinnaker Offset² +17.00 secs

ULDB Status

Restrictions

Boat Is Modified (Y/N) NO

Modifications/Comments

Boat Configuration and Measurements⁴

<i>Hull Mat'l</i> Fiberglass	<i>Motor Type</i> IB	<i>I</i> 51.15 ft	<i>SL</i> 55.10 ft
<i>Mast Mat'l</i> FRC	<i>Displacement</i> 24,185.00 lbs	<i>J</i> 16.17 ft	<i>SF</i> 30.00 ft
<i>Keel Mat'l</i> Iron	<i>Ballast Type</i> N/A	<i>P</i> 49.11 ft	<i>SMW</i> 31.03 ft
<i>Keel Type</i> Other	<i>Ballast</i> 7,143.00 lbs	<i>E</i> 17.36 ft	<i>ALU</i> 56.53 ft
<i>Hydraulics</i> None	<i>LOA</i> 44.73 ft	<i>LP</i> 21.55 ft	<i>ALE</i> 52.03 ft
<i>Winch Type</i> Not Available	<i>LWL</i> 40.00 ft	<i>ISP</i> 54.27 ft	<i>ASF</i> 30.00 ft
<i>Life Lines</i> Permanent	<i>LWL</i> 40.00 ft	<i>SPL</i> 16.93 ft	<i>AMG</i> 30.38 ft
<i>Rig Type</i> Sloop	<i>Beam</i> 14.07 ft	<i>TPS</i> 16.93 ft	
<i>Rig Style</i> STD	<i>Draft</i> 6.64 ft		

Spinnaker(s) Flown
Symmetrical,
Asymmetrical

OTHER CALCULATED DATA

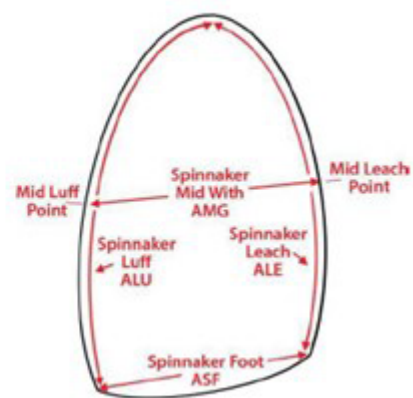
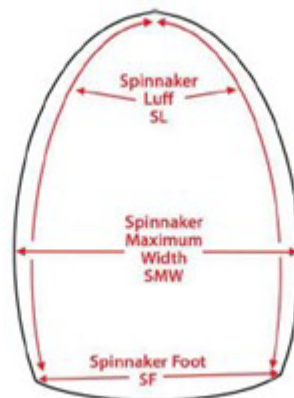
Max Sail Area 1,067.34 sf Max Symmetrical Spinnaker Area 1,415.34 sf Max Asymmetrical Spinnaker Area 1,370.75 sf

General Notes

Regional boat ratings are based upon a boat's race performance history in 10-12 knots of wind, and assumed to be non-planing conditions.

1. RLC or Random Leg Course ratings are intended as the default rating unless otherwise specified in the race documents. See Class Rules 2.2 for further explanation of Types of Ratings.
2. The Non-Spinnaker Offset is not automatically applied to ratings. It shall be added to the ratings as determined by the Race Organizers.
3. Boat Configuration Rating Adjustments are intended to accommodate racing-cruisers and to encourage race participation by boats outfitted with cruising equipment. They are applied to ratings if the boat applied for adjustments their Area Board approved them. A temporary Certificate may also have Configuration Adjustments applied but will display as Temporary until the rating has been finalized at a rating review. Please see the website for additional information and the application for Configuration Adjustments.
4. Boat length measurements are in decimal feet, not feet and inches.

Standard Measurements



UPDATE