

## **Exercise: Sailboat Identification**



Southern Cross 31

Bluewaterboats.org

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### ***Southern Cross 31***

#### **Specifications**

LOA: 31' 0"

LWL: 25' 0"

Beam: 9' 6"

Draft: 4' 7"

Displacement: 13,600 lbs.

Ballast: 4,400 lbs.

Sail Area: 447 sq. ft.

1. **Ballast/Displacement Ratio** for the *Southern Cross 31*?

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2. **Displacement/Length Ratio** for the *Southern Cross 31*?

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3. Does she have a *light, medium, or heavy* displacement hull?

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4. What type of keel does the *Southern Cross 31* have?

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## J/24

### Specifications

LOA: 24' 0"

LWL: 20' 0"

Beam: 8' 11"

Draft: 4' 0"

Displacement: 3,100 lbs.

Ballast: 950 lbs.

Sail Area: 268 sq. ft.

5. **Ballast/Displacement Ratio** for the J/24?

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6. **Displacement/Length Ratio** for the J/24?

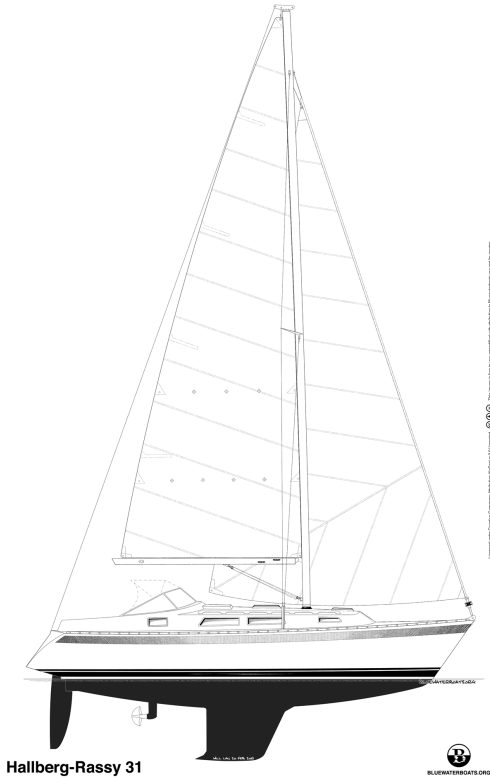
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7. Does she have a *light, medium, or heavy* displacement hull?

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8. What type of keel does the J/24 have?

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## ***Hallberg-Rassy 31***

### Specifications

LOA: 31' 7"

LWL: 27' 0"

Beam: 10' 10"

Draft: 5' 7"

Displacement: 9,920 lbs.

Ballast: 4,410 lbs.

Sail Area: 606 sq. ft.

9. **Ballast/Displacement Ratio** for the *Hallberg-Rassy 31*?

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10. **Displacement/Length Ratio** for the *Hallberg-Rassy 31*?

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11. Does she have a *light, medium, or heavy* displacement hull?

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12. Would you feel comfortable taking her sailing offshore? Why?

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