

Hikianalia

Hikianalia (Spica) is named after the star that breaks the horizon with the star Hōkūle'a (Arcturus) in Hawaiian skies. Hikianalia serves as Hōkūle'a's traveling companion. The double-hulled canoe was built in Aotearoa in 2012 and serves as a seamanship and navigational platform.

Source:

Polynesian Voyaging Society

Original Graphic:

Dave Swann / Star-Advertiser

Specifications

Displacement:

30 Tons Fully Loaded

Draft:

6 Feet, 5 Inches

Weight:

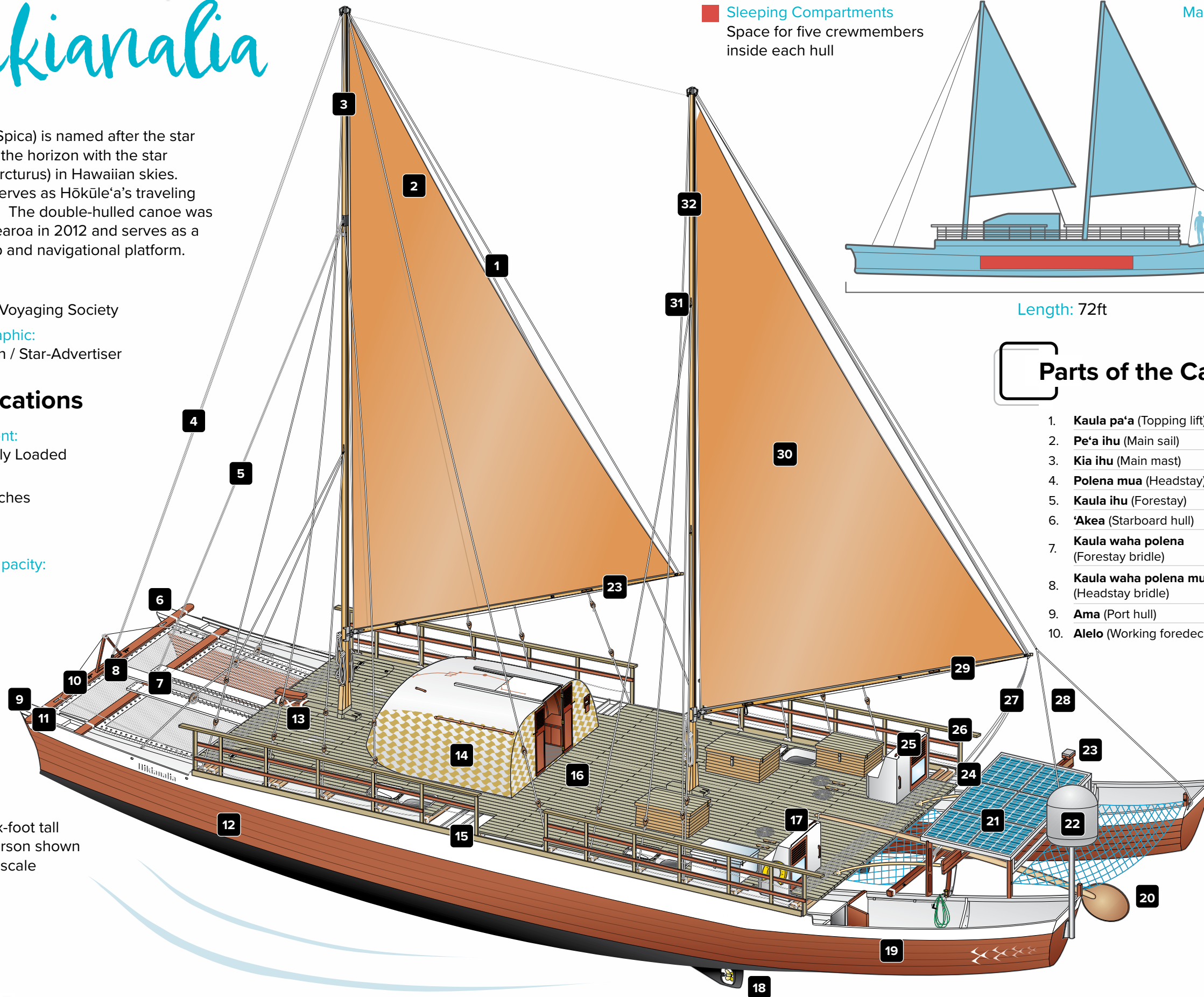
10 Tons

Carrying Capacity:

20 Tons

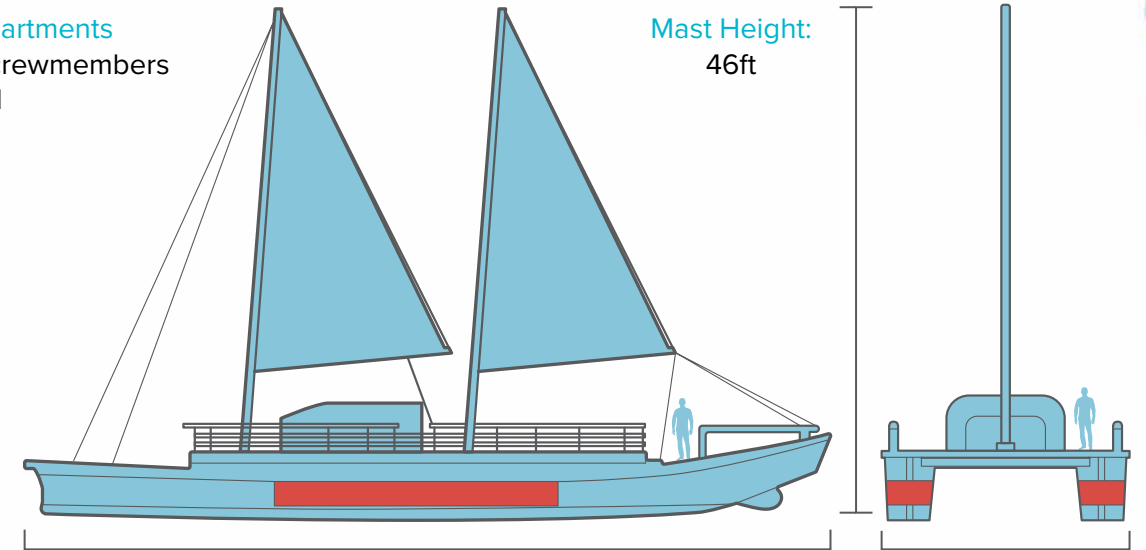


Six-foot tall person shown to scale



■ Sleeping Compartments
Space for five crewmembers inside each hull

Mast Height:
46ft



Length: 72ft

Beam: 23ft

Parts of the Canoe

- | | |
|---|--|
| 1. Kaula pa'a (Topping lift) | 11. Wae (Spreader) |
| 2. Pe'a ihu (Main sail) | 12. Kuamo'o (Hull) |
| 3. Kia ihu (Main mast) | 13. Hekau pa'a (Anchor cleat) |
| 4. Polena mua (Headstay) | 14. Hālau wa'a/ hale (Deck house) |
| 5. Kaula ihu (Forestay) | 15. Hale lāpa (Life raft compartment) |
| 6. 'Akea (Starboard hull) | 16. Pola (Deck) |
| 7. Kaula waha polena (Forestay bridle) | 17. Pānānā (Navigators station) |
| 8. Kaula waha polena mua (Headstay bridle) | 18. Hulia ho'one'e (Propellers) |
| 9. Ama (Port hull) | 19. Lako (Supplies) |
| 10. Alelo (Working foredeck) | 20. Hoe uli (Steering paddle/sweep) |
| | 21. 'Ūomo ikehu lā (Solar panels) |
| | 22. Ukali (Satellite dish) |
| | 23. Palapala'āina (GPS transmitters) |
| | 24. Lua (Toilet) |
| | 25. Hoe uila (Helm/motor controls) |
| | 26. Pale kana (Safety rails) |
| | 27. Kaula paepae (Sheet lines) |
| | 28. Kaula hope (Backstays) |
| | 29. Paepae (Boom) |
| | 30. Pe'a hope (Sail) |
| | 31. Pūnaeweale (WiFi/Internet) |
| | 32. Kia hope (Mizzen mast) |