

SSC History (ex. Newsletter, Website, Events, Leader facts)

1. What volunteer event occurred every Friday night since April 2020, and which volunteer led these events?
2. What communication platform has the SSC adopted as of December 2020?
3. Who was the SSC's first employee?
4. Where did the SSC hold its first Fundraising Gala in December 2019?
5. For the June 2020 Summer Sailstice, which volunteer offered his/her boat for the first in-person volunteer event since the Covid-19 lockdown that occurred in March?
6. What was the name of the documentary shared and discussed during the October SSC volunteer event?

SSC Facts

7. Name the 5 SSC board members? (If you are a board member, please let the Volunteer answer)
8. How many galleries are there in the SSC vision?
9. Two Points: What year did the SSC become an incorporated California non profit? What year did the SSC receive its 501(c)(3) tax-exempt status?
10. List two of our three core values.
11. What does TIDA stand for?
12. On December 1st 2020, who from the SSC was confirmed to the Treasure Island Citizen Advisory Board (CAB)?

Leadership

13. Fill in the blank. People don't care how much you know until _____.
14. In John Maxwell's Five Levels of Leadership, based on his position, a king would be at what level?

Treasure Island History & Current Events

15. What decade was Treasure Island built?
16. From 1941-1997 what was Treasure Island used for?
17. How did Clipper Cove get its name?
18. What does TICD stand for?
19. What was Hanger 3 originally used for?
20. What was building 1 originally used for?

General Sailing Questions

21. When you steer away from the wind do you generally sheet your sails in or out?
22. What is the fastest point of sail for a sloop under white sails?
23. When two sailboats on opposite tacks approach each other with a risk of collision, which boat has to give way, the port tack boat or the starboard tack boat?
24. When bearing away do you move the jib leads forward or aft?
25. When would you have the right-of-way when overtaking another boat from directly behind?
26. When a boat is running directly down wind on wing-on-wing with the mainsail on the port side and the jib on starboard side, is the boat on a port or a starboard tack?
27. What was the name of the boat that was used by the first all female crew in the Whitbread Round the World Race?

Sailing Science

28. A sailboat's hydrodynamic resistance comes from two factors: pressure resistance and frictional resistance. What is the number that relates to the scaling of frictional (viscous) resistance?
29. The principle stating that as a fluid's speed increases its pressure decreases is known as?
30. Winches, hydraulic backstay adjusters, block & tackle systems, and sweating a line are all examples of_____.



31. The effect that causes ocean currents to circulate clockwise in the Northern Hemisphere and counterclockwise in the Southern Hemisphere is known as_____.
32. In celestial navigation, the point on the earth directly under a celestial body is known as its_____.
33. The mathematical curve that an anchor chain follows as it droops from the bow of a boat to the seafloor is called a _____ curve.
34. The mechanical property of a material describing its stiffness as a ratio of stress over strain (σ/ϵ) is known as its_____.

Bonus Question (5 Points)

Problem

Every day at noon an ocean liner leaves France to sail for the U.S., and (simultaneously) an ocean liner sails from the U.S. to France. The crossing takes exactly seven days and seven nights in either direction. How many other ocean liners will an ocean liner leaving France today pass at sea before arriving in the U.S.?