

All About *Alvin*



Across

2. At 20 metric tons (45,000 pounds), Alvin weighs about the same as three African _____.
5. Alvin's 7 meter (23.1 foot) length is the same as a male _____ whale.
6. First-time divers in Alvin receive a bucket of cold _____ poured over the head as a traditional welcome back to the surface.
7. Alvin is a _____ occupied underwater vehicle.
8. _____ is the current support ship for Alvin.
9. In 1977, scientists in Alvin were the first to explore _____ vents on the seafloor.
11. In 1966, Alvin helped the U.S. Navy find and recover a _____ bomb.
12. Alvin's _____ foam provides the sub with buoyance and will not change shape under pressure in the deep ocean.
14. Alvin's personnel sphere is made out of _____.
17. Fourteen hull _____ provide power and high-bandwidth data links through the personnel sphere to systems and instruments outside the sub.

Down

1. In 2010, Alvin helped scientists study the impacts of the _____ oil spill in the Gulf of Mexico.
3. Alvin's 181 kilogram(400 pound) payload is about the same weight as a full-grown male _____.
4. Alvin's seven _____ move the sub through the water.
10. Pilots use two _____ arms on the front of Alvin to collect samples from the seafloor.
13. Alvin has _____ viewports.
15. Alvin can carry _____ passengers at one time
16. After its recent upgrade, Alvin returned for dives in the Gulf of _____.
18. In 1977, Alvin explored the famous wreck of the _____.
19. Pilots put things they collect in the _____ basket on the front of Alvin.

