

Patrick Lahey  
Co-founder and CEO of Triton Submarines

1. What inspired Patrick Lahey to pursue a career in submersibles?

- A. Watching documentaries about the ocean
- B. Working for a company with submersibles as a commercial diver
- C. Studying oceanography at university
- D. Reading books about marine life

Answer: \_\_\_\_\_

2. How thick is the titanium pressure hull of Triton's deep-sea submersible?

- A. 1 inch
- B. 2.5 inches
- C. 3.5 inches
- D. 5 inches

Answer: \_\_\_\_\_

3. How long does a full dive to the bottom of the ocean and back typically take?

- A. 6-8 hours
- B. 8-10 hours
- C. 12-16 hours
- D. 20-24 hours

Answer: \_\_\_\_\_

4. What did Patrick identify as a misconception about submersibles?

- A. They are easy to operate
- B. They are dangerous and complicated
- C. They cannot explore deep trenches
- D. They require minimal training to operate

Answer: \_\_\_\_\_

5. Which creature did Patrick mention seeing during the filming of the documentary Aliens of the Deep?

- A. Giant squid
- B. Bioluminescent jellyfish
- C. Salp
- D. Swire snailfish

Answer: \_\_\_\_\_

6. What are deep-sea mining operations primarily targeting for extraction?

- A. Oil reserves
- B. Manganese nodules, cobalt, and nickel
- C. Rare corals
- D. Hydrothermal vents

Answer: \_\_\_\_\_

7. According to Patrick, why is the deep sea more challenging than space in some ways?

- A. Lack of light
- B. Presence of immense pressure
- C. Limited access to oxygen
- D. Unpredictable marine life

Answer: \_\_\_\_\_

**\*\*Written Response Questions\*\***

8. Patrick mentioned several extraordinary creatures and phenomena he encountered during his dives. Describe one in detail and explain why it was significant.

---

---

9. Based on Patrick's concerns about deep-sea mining, what are the potential environmental and technological challenges associated with this practice?

---

---

10. Reflect on Patrick's advice about pursuing a passion. How does his own career journey illustrate the importance of following what you love?

---

---