

The Trieste's Dive into Challenger Deep, Breaking Boundaries Under the Waves

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Website Word count: 1021

Process Paper word count: 362

Junior Individual Website

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Annotated Bibliography

Secondary Sources

Streever, Bill. *In Oceans Deep: Courage, Innovation, and Adventure beneath the Waves*. Back

Bay Books, 2020.

Trieste is the first submersible to ever dive down to Challenger Deep. In this book, Bill Streever explains the details of the dive and his experience as a marine biologist.

National Museum of the US Navy,

<https://www.history.navy.mil/content/history/museums/nmusn.html>.

This website is the official page about *Trieste* by the US Naval History Museum, where the submersible is being kept.

YouTube, 13 Mar. 2012, <https://youtu.be/AOfS-tzxZAs>. Accessed 31 Dec. 2022.

This video explains the dive of the *Trieste* in great detail.

“The Trieste Submarine.” *Www.youtube.com*,

www.youtube.com/watch?v=XMWj_47WXcs&t=8s. Accessed 15 Feb. 2023.

This is the video I am going to put on my website. It is around 4 minutes long and summarizes the dive. This will not be used as a source, instead a reference for the viewers of the website.

Primary Sources

Streever, Bill. Interview. By Adam Kasouit. 10 Jan 2023

This interview I had with Mr. Streever was about his book *In Oceans Deep*. He believes that we need to pay more attention to the ocean.

Barker, David. Interview. By Adam Kasout. Jan 2023

This interview I had with Mr. Barker was about the museum's exhibit. He talked about when the bathyscaphe came to the museum and the naval aspect of the dive.

Process Paper

I chose this topic because I would like to become a marine biologist in the future. Over months, I narrowed my project down from “Human relations with the ocean” to just the Trieste dive.

I conducted my research by collecting 15 or so sources over summer break, and out of those, I chose around 7. I had two interviews, Bill Steever and David Barker, and used secondary sources backed up with a primary source. I also used some articles from a few websites as secondary sources.

I created the website by using a “website organization” packet given to us by our coach to organize and brainstorm ideas for the website. I then collected a few pictures and quotes to illustrate the website. The hardest part was condensing the information within the word limit.

My historical argument is that reaching Challenger deep was both a technological feat and a human achievement, at the same level as space exploration. Both allowed humanity to discover new frontiers in the name of exploration. None of them would have been possible without international collaboration. Also, the bravery of Piccard and Walsh was crucial to this mission. Even with all the problems they faced, they still had the faith and determination to push on until they broke through one of the illusive boundaries for humanity. Judging by my research, the dive of the Trieste was no easier than the Apollo missions, but received much less attention. I think ocean exploration should take the spotlight in terms of public recognition.

My topic is significant because it proved to people that with sound science and bravery, humanity can open frontiers. The *Trieste* was the precursor to many submersibles that were deep sea rescue and exploration, including the *Trieste 2* and the *Alvin*.

