Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

On Thursday, August 20, the class will hold a Skype conference with Dr. T—, a geologist. Dr. T— is currently aboard a research cruise that is studying an underwater volcano. The volcano may have erupted last spring, so the research team is deploying underwater submersibles to further examine the geologic phenomenon.

Examine the blog ([*http://axial2015.blogspot.com*](http://axial2015.blogspot.com/)) that the team is updating, and respond to the questions below. The answers are found in the most recent blog entries. Then, go to at least two other links (to videos or additional blogs) for more information. At the bottom of this handout, write three questions you have about any part of this research cruise that you might ask the research team.

The team also went on a research cruise in 2013, and kept a blog of that journey: [*http://axial2013.blogspot.com*](http://axial2013.blogspot.com/).

1. Where is the axial seamount located?
2. What is a “wired volcano” and what is it wired to?
3. What is the team sampling? Why?
4. Explain some details about **[how?]** a five-foot sailboat was launched.
5. What are some interesting aspects of life on board a research vessel?

Three questions you might ask the team: