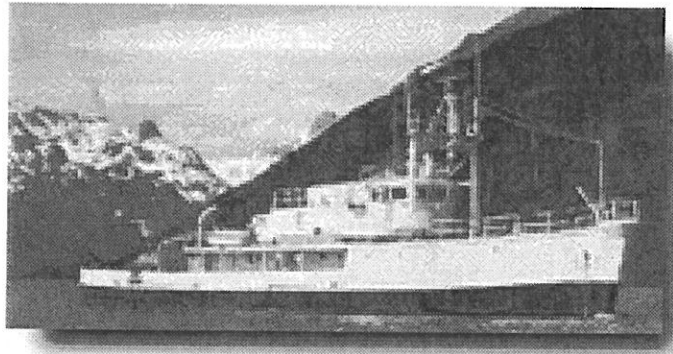


Analyze Your Data

Research ocean floor features in your textbook, in the library, on the Internet, or from your class notes. On your graph, **identify and label** the following features: *Continent, Continental Shelf, Continental Slope, Abyssal Plain, Mid-Ocean Ridge, Island, and Seamount*. Note that this traverse does not cross any *Trenches*.



the *Calypso*

Answer the Following:

1. What ocean floor **structure** occurs between 0 and 160 km east of New Jersey? _____
2. What ocean floor **structure** occurs between 160 and 1050 km east of New Jersey? _____
3. What ocean floor **structure** occurs between 1000 and 2000 km east of New Jersey? _____
4. What ocean floor **structure** occurs between 2000 and 3000 km east of New Jersey? _____
5. What is the **scale** of your x-axis? 1 unit = _____
6. What is the **scale** of your y-axis? 1 unit = _____
7. If you wanted to draw your profile to scale, the units and distances along both your x-axis and y-axis would have to be the same. Your profile as it is drawn now is exaggerated. To find the **vertical exaggeration**, divide your x-axis by your y-axis.
What is the exaggeration? _____
8. If you drew your profile to scale, about how long a sheet of paper would you need? _____