“Unique & Compelling” Problem

The Stowaway Adventure
Adventures on the High Seas

Ship ID Code: ________________________

Current Position
Latitude: ________________________
Longitude: ________________________
Time: ___________________________

Previous Position
Latitude: ________________________
Longitude: ________________________
Time: ___________________________

1. Direction of Ship Heading (N, NE, S, SW, etc.): ________________________

2. Port-of-Call Where Ship is Headed: ________________________________

3. Approximate Distance Traveled:
   Use the ruler and the scale in the upper right-hand corner of the map to estimate the distance between previous and current positions.

4. Time of Travel: ______________________________________
   Elapsed time between previous and current positions

5. Average Speed of Ship: ______________________________________
   Use average speed = distance / time

6. Approximate Distance to Port-of-Call:
   Use the ruler and the scale in the upper right-hand corner of the map to estimate the distance from the current position to the Port-of-Call.

7. Time to Reach Port-of-Call:____________________________________
   Assume that the speed remains constant.

8. Optional: How might the weather affect the ship’s arrival time?