1  1814  Ref: Misc., Speed of Sound, Distance Off  
While navigating in fog off a coastline of steep cliffs, you hear the echo of the ship's fog horn 2 1/2  
seconds after the signal was sounded. What is the distance to the shore?  
A. 225 yards  
B. 460 yards  
C. 750 yards  
D. 910 yards  

2  1815  Ref: Misc., Speed of Sound, Distance Off  
While navigating in fog off a coastline of steep cliffs, you hear the echo of the ship's fog horn 2 seconds  
after the signal was sounded. What is the distance to the shore?  
A. 360 yards  
B. 320 yards  
C. 280 yards  
D. 140 yards  

3  1816  Ref: Misc., Speed of Sound, Distance Off  
While navigating in fog off a coastline of steep cliffs, you hear the echo of the ship's fog horn 3 1/2  
seconds after the signal was sounded. What is the distance to the shore?  
A. 640 yards  
B. 480 yards  
C. 315 yards  
D. 143 yards  

4  1817  Ref: Misc., Speed of Sound, Distance Off  
While navigating in fog off a coastline of steep cliffs, you hear the echo of the ship's fog horn 3 seconds  
after the signal was sounded. What is the distance to the shore?  
A. 1100 yards  
B. 872 yards  
C. 550 yards  
D. 792 yards  

5  1818  Ref: Misc., Speed of Sound, Distance Off  
While navigating in fog off a coastline of steep cliffs, you hear the echo of the ship's fog horn 4 1/2  
seconds after the signal was sounded. What is the distance to the shore?  
A. 405 yards  
B. 628 yards  
C. 730 yards  
D. 825 yards  

6  1819  Ref: Misc., Speed of Sound, Distance Off  
While navigating in fog off a coastline of steep cliffs, you hear the echo of the ship's fog horn 4 seconds  
after the signal was sounded. What is the distance to the shore?  
A. 209 yards  
B. 363 yards  
C. 480 yards  
D. 730 yards  

7  1820  Ref: Misc., Speed of Sound, Distance Off  
While navigating in fog off a coastline of steep cliffs, you hear the echo of the ship's fog horn 5.5 seconds  
after the signal was sounded. What is the distance to the shore?  
A. 3825 ft (1166 meters)  
B. 3450 ft (1052 meters)  
C. 3072 ft (936 meters)  
D. 2475 ft (754 meters)  

8  1821  Ref: Misc., Speed of Sound, Distance Off  
While navigating in fog off a coastline of steep cliffs, you hear the echo of the ship's fog horn 6 seconds  
after the signal was sounded. What is the distance to the shore?  
A. 1200 yards  
B. 1100 yards  
C. 1000 yards  
D. 900 yards  

9  1876  Ref: Misc., Speed of Sound, Distance Off  
You are approaching Chatham Strait from the south in foggy weather. You have Coronation Island and  
Hazy Islands on the radar. Suddenly the radar malfunctions. You then resort to using whistle echoes to  
determine your distance off Coronation Island. Your stopwatch reads 16.3 seconds for the echo to be  
heard. How far are you off Coronation Island?  
A. 1.0 mile  
B. 1.5 miles  
C. 2.0 miles  
D. 2.5 miles