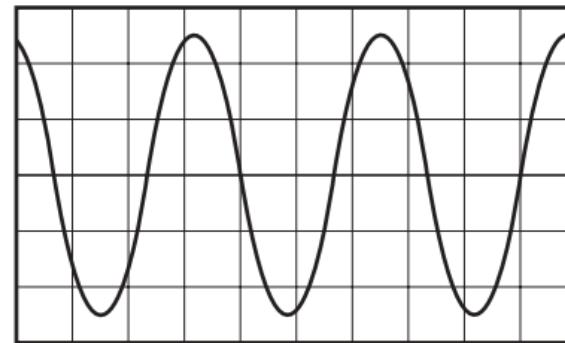


- 23 A sound wave is detected by a microphone that is connected to a cathode-ray oscilloscope (CRO).

The screen of the CRO displays a waveform, as shown.



The time-base is set to $20 \mu\text{s div}^{-1}$.

What is the frequency of the sound wave?

- A 15 Hz B 15 000 Hz C 20 000 Hz D 30 000 Hz