

Phenomenon and Application of Sound Wave Reflection



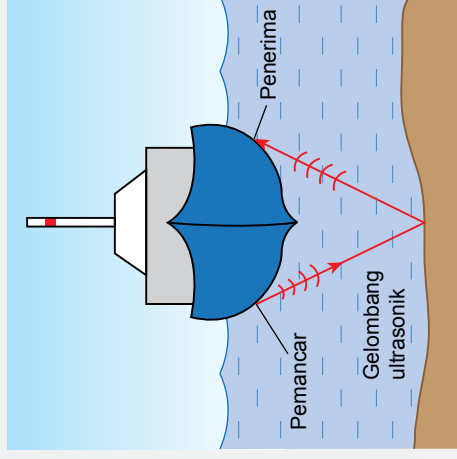
The reflected sound called an echo can be heard a few seconds after the original sound.



A bat produces a high-pitched screeching sound as it flies. Sound reflection helps the bat to estimate the distance of obstructions or its prey.



A shark uses sound wave reflection to detect the position of other fish.



A fisherman's boat uses sound wave reflection to determine the depth of the ocean floor or to detect the position of schools of fish.



Ultrasound reflection technology that is known as sonar is used in the medical field.