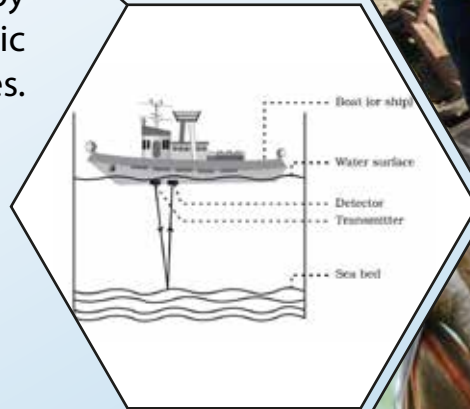


Applications of Ultrasonic Waves

Sonar

For finding the distance of objects under water by reflected ultrasonic waves.



Machine

Industry: for detection of defects and drilling holes in metals, cleaning of parts located in hard-to-reach places.



Sonography

Medical : Sonography, surgical (cataract in eye , removal of tumors and stones from various organs of body).



Bat

Dolphins, bats and porpoises can detect & emit ultrasonic waves which helps them to judge the distance of an obstacle or prey from them.

Picture source:

https://upload.wikimedia.org/wikipedia/commons/2/2f/CRL_Crown_rump_lengh_12_weeks_ecografia_Dr._Wolfgang_Moroder.jpg

https://upload.wikimedia.org/wikipedia/commons/5/50/Lesser_short-nosed_fruit_bat_%28Cynopterus_brachyotis%29.jpg

https://upload.wikimedia.org/wikipedia/commons/9/95/Ultrasonic_pipeline_test.jpg

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