

Submarine snorkel

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What Is a Snorkel?

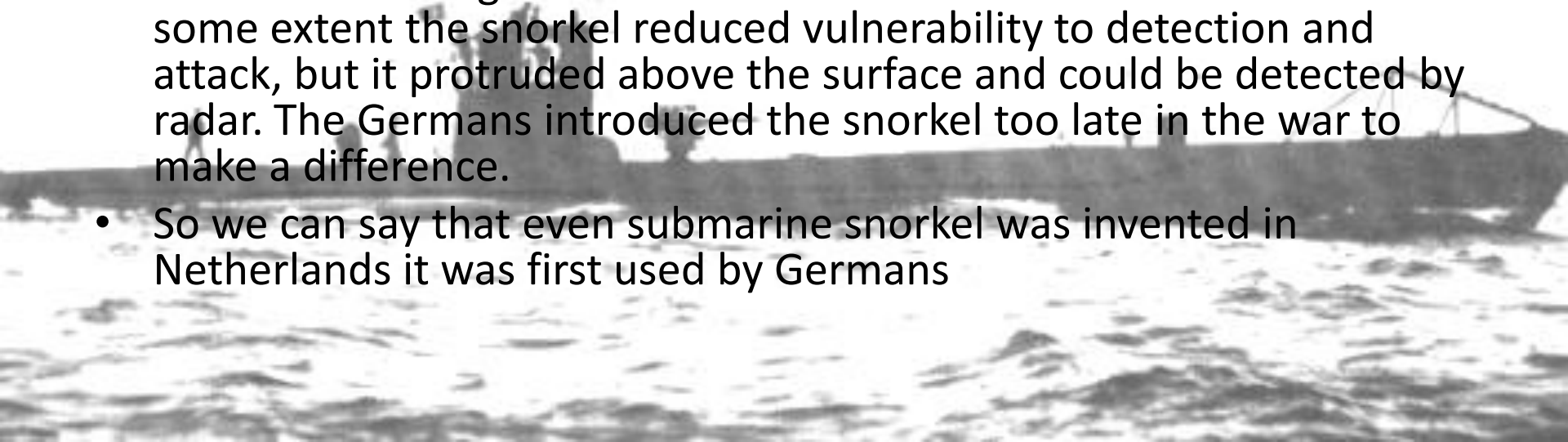


A **submarine snorkel** is a device that allows a submarine to operate submerged while still taking in air from above the surface. It was invented by the Dutch shortly before World War II and copied by the Germans during the war for use by U-Boats. Its common military name is **snort**.

History of Snorkel

The First Usage of Snorchel

- During World War Two German submarine losses increased sharply as radar-equipped Allied aircraft attacked U-boats running on the surface recharging their batteries. To charge the batteries that powered the electric motors for submerged operations, all submarines had to surface to run their air-breathing diesel engines. To counter the Allied radar threat the Germans perfected a Dutch device known as the snorkel. Using a snorkel a submarine could run its diesel engines and recharge its batteries while operating just below the surface. Air for the diesel engines was drawn into the submarine through the snorkel that was extended to the surface. To some extent the snorkel reduced vulnerability to detection and attack, but it protruded above the surface and could be detected by radar. The Germans introduced the snorkel too late in the war to make a difference.
- So we can say that even submarine snorkel was invented in Netherlands it was first used by Germans



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