

ARCHERFISH

BAE SYSTEMS
INSPIRED WORK

Underwater mine disposal system

Developed by BAE Systems, Archerfish is a remotely-controlled underwater vehicle equipped with an explosive warhead to destroy sea mines. It is capable of overcoming the threat of modern mines, which have become increasingly resistant to traditional methods of mine disposal.



Archerfish can be launched and operated from surface ships, helicopters and unmanned underwater vehicles.



Archerfish reduces speed and enters 'hover mode' as it approaches the target, allowing it to take pictures and provide a live video feed (via a fibre optic cable) to determine the exact nature of the threat.



Once in its final position, Archerfish directs a shaped explosive charge at the mine to detonate it.



Archerfish is deployed from a launch 'cradle' with a fibre optic cable providing command capabilities. Using a high frequency sonar and low light video data, Archerfish allows the user to identify mine threats in the water.



Once the threat is determined, the excellent manoeuvring characteristics of Archerfish allow it to precisely place itself close to the mine to prepare for the final stage of mine disposal.

