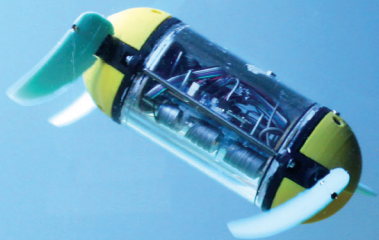


What kind of a turtle
helps humans to
investigate wrecks?



It's the Underwater Curious Archaeology Turtle (short: U-CAT) - a biomimetic robot that's quiet, agile and trained to inspect shipwrecks autonomously.

U-CAT can swim underwater forward and backward, up and down and turn on spot in all directions; it's flippers make it highly manoeuvrable and the fin propulsors can drive it in all directions without disturbing water and beating up silt from the bottom of the sea.

The cute yellow-faced turtle was brought to life by Estonian researchers Maarja Kruusmaa & Taavi Salumäe and their colleagues.



Photo: Courtesy of Centre for Biorobotics, Tallinn University of Technology



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