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METHOD FOR DETECTION AND NEUTRALIZATION OF
UNDERWATER OBJECTS

ABSTRACT

In a method for detection and neutralization of underwater objects which are present in a sea region, in particular mines, a two-dimensional or three-dimensional image of the seabed is created by means of an unmanned first underwater vehicle during a reconnaissance mission in a sea region section by means of optical and/or acoustic sensors, and this image is evaluated for the presence of underwater objects, after completion of the reconnaissance mission. At least one underwater object which is present is marked in the image, and the image which has been provided with the object marking is stored in an unmanned second underwater vehicle, which is equipped with the same sensors and additionally with a neutralization unit. During a neutralization mission by the second underwater vehicle in the same sea region section, image elements of the seabed are created continuously by means of the sensors and are compared with the stored image of the seabed. The second underwater vehicle is guided to the marked underwater object on the basis of the comparison data, and activates the neutralization unit there.