



TUG UNDERWATER UNITS OF «GLIDER» PROJECT

Purpose and sphere of the use

The tug underwater units of «Glider» project are aimed for search and inspection of the sunk objects by use of video and magnetic methods. They provide the transfer of video picture in the real time scale and two-sided information change between the underwater unit and the tug

Essence and main characteristics of the development

Taking into account the executed tasks the unit can have the following devices : the hydro locator of the side view, the profilograph , the hydro locator of the round view , the metal detector . The small overall mass characteristics give possibility to use the unit from board of the small sized ships. The availability of the unit active control devices doesn't require the tug movement speed regulation

Main advantages of the development

The most important advantage of the development is the possibility to reduce the time consumption for the inspection of the port water areas and the shelf zones for 45-50%

State of development ready

The development has been used at the industrial enterprises of Ukraine

Specification

Maximum work depth, m20
Overall sizes, mm870x600x200
Sustainer speed , knots 1
Length of cable –rope, m up to 50
Unit mass, kg 10
Power supply 24 v

State of the intellectual property protection, number of the scientific publications

The development has been realized at the market

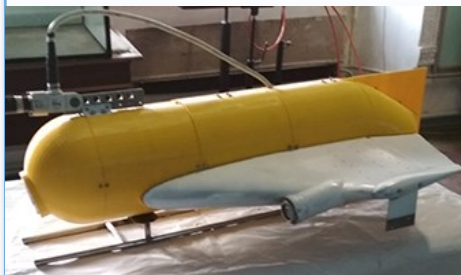
Demand at the market

The design can be applied for maintenance and inspection of the port water areas, shelf and in the State Emergency Service units of Ukraine, Ministry of Internal Affairs of the Armed Forces of Ukraine

Control console



Underwater unit



On board of tug

