

SUBMERSIBLE PROBE

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ABSTRACT

The submersible probe is basically a radio controlled submarine with a built-in camera. Its purpose is to transmit live images in real time to the surface. It would be a useful tool for underwater search and inspection work if conditions are too hazardous for a human diver. For example, when conducting below waterline inspection of the hull of a ship, the probe can be used instead of risking the life of a highly trained diver. The user would be located on shore and away from harm. The proposed model would be able to dive to a depth of 10 feet and operate at a distance of 20 feet from the operator. A point to be remembered is that this project is for the construction of a basic model and not the real working product. It is also designed to be low cost, hence the reader of this report will notice that there are no expensive electronic components such as micro controllers and servos used in this project.