

## Sources Sought: Ship Hull Cleaning Using Autonomous Robotic Solutions Frequently Asked Questions

**Updated: August 24, 2021**

**Q:** Is this catered towards a specific base/application or more of a general all-Navy base type application?

**A:** This is for a general Navy shipyard dry-dock maintenance operation. All Navy shipyards do this kind of work (i.e., hull cleaning of biofouling and coating removal). Mechanical methods (scraping, power washing, sandblasting, etc.) are currently used.

**Q:** Are you able to send more information regarding what type(s)/size(s) of ship hulls this proposed system would handle?

**A:** The ships we maintain are in the following classes: DDG, CG, CCN, LSD, LHA, MCM. (The hulls are typically steel, but the MCM class has wooden hulls). The ships range in size from approximately 100 feet to over 699 feet. The hull shapes vary but are flat to v shaped on the bottom. Our shipyard does not typically service submarines in our dry docks.

**Q:** Can you please also share any information on the typical ground clearance near the side of the hull while in dry docks, if you have that?

**A:** Below you will find a rough drawing of the ships in drydock. Measurements are in Feet ('), and inches (").

