

Company: Valor Maritime
 Prepared by: International
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Job Safety Analysis

Job	Potential hazards	Safety Measures	personnel responsible
software/ programing	bad coding, software failure, losing control of robot	educating appropriate team member on proper software engineering and programing. Any and all faulty programing should be fixed immediately.	Mekiah
Frame constructor	lack of communication could lead to accidents involving power tools causing damage to ROV and other team members. Exposed Cables could be hazardous to constructor and ROV.	CEO is responsible for making sure that all members are properly trained in the use of specific tools. Team education of the dangers that come with exposed cables will greatly increase our safety. Emergency first aid kits are readily accessible in case of accidents.	Amber, Brett
control system	Circuit failure, losing control,losing connection, high voltage.	In the case of signal lost software engineer will check coding and connections. Electric engineer will check fuses in the case of circuit failure. If there is loss of control of ROV the pilot and software engineer will check the robot to make sure it is under control before returning to tasks.	Mekiah, Jacob

Tether management	Tripping	Ensure that teacher is out of the way and reeled back when necessary	Meghan
Slippery surfaces and sharp objects	Cuts and trips	walk carefully, keep sharp tools away from peers while in use, where grippy shoes during launch and where gloves.	All
Required equipment	Non slip shoes, sunscreen (if outdoors), life jackets.		