Years participating in SeaPerch 3
Times at the International SeaPerch Challenge 2

Our SeaPerch is unique because: (100 words MAX)
This year our SeaPerch is unique because our team 3D printed attachments that holds the vertical motor and is are our hook. Our SeaPerch has a simple frame with multiple attachments that come off our frame, aiding in buoyancy, maneuverability, and useability. Our seaperch has a very shallow chassis that is about 6 inches tall. The hook sticks off of the frame about 2 inches below and 5 inches in front. Our SeaPerch doesn’t have problems with buoyancy since the center of mass is near the center moment of the ROV.

Our biggest takeaway this season is: (100 words MAX)
This season our biggest takeaway is that you fail many times, but you can always keep going. We came to this conclusion because of how many times we had to adjust our hook, motor mounts, and buoyancy. We had an extreme amount of problems with our hook influencing our buoyancy. Our SeaPerch went through 2 renditions of hooks and many placements. Even though we had so many failed attempts we finally made it through with a winner. We spent way too much time testing because of our failures, but we kept going and came out with an amazing SeaPerch.

SeaPerch Design Overview: (100 words MAX)
We took a unique approach to designing our Seaperch this year. We knew that 3D printing a frame would give us an advantage, but since we are in stock class we can’t have a 3d printed frame. So, we decided that we would 3D print our hook and motor mount since it would give us a good amount of adjustability for positioning our hook and vertical motor. Having a 3d printed hoox allowed us to be able to create a complex design that would aid us in all parts of the course.

Team 2
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