COMPETITION CLASS: Highschool Stock Class

SEAPERCH DESIGN OVERVIEW:

Our SeaPerch Design has a length of 5 in, width of 3 in, and a height of 3 in. Despite its small size, our design has a weight of 85.02 grams. The high weight is due to the ROV being constructed of many PVC connectors rather than PVC pipe. The design has 4x four-way crosses, 3x “T” connectors, and 13x PVC elbows. We also only used a total of 33 inches of PVC pipe. These materials allowed us to make other ROV designs.

# OF YEARS:
- We have been involved in the Seaperch program for 1 year
- We have competed in the 2024 Challenge for 1 year.

“OUR SEAPERCH IS UNIQUE BECAUSE…”

Our SeaPerch is unique because it is constructed mostly out of PVC connectors, which are heavier than long PVC pipe. Due to this change, our ROV has a significant weight increase which prevents outside factors such as pool currents from affecting the maneuverability of the ROV.

“OUR BIGGEST TAKEAWAY THIS SEASON IS…”

Our biggest takeaway this season was communication. We realized its importance in all aspects of SeaPerch. Communication played the most important role throughout the process of constructing our
ROV. Being able to communicate with each other during competitions allowed us to compete at the international level.

SOCIALS:

Northeast Trojans NJROTC Instagram

Northeast Lauderdale NJROTC School Website