Seacoast SeaPerch Challenge
Poster Presentation Explanation and Guidelines

These poster presentation guidelines are meant to help your team prepare a poster for presentation to judges. Poster presentation scores will be included in the overall team score. Teams that do not participate in the poster presentation will not receive a score and thus their point total towards overall team score will be affected.

Purpose:
Creating your posters will help you reflect on and increase your understanding of the SeaPerch building process. Participants will present their posters to judges and answer questions about the building process. The judging process should take 10-15 minutes. Teams should consult the rubric and use these guidelines when preparing their posters. The Poster Presentation Rubric can be downloaded at http://www.seaperch.org/challenge_rules.

Your posters and presentations will be evaluated in three basic areas.

1. Appearance and Design of the Poster (20 points total)
   a. Overall Appearance
   b. Text/Graphic Balance
   c. Organizational Flow
   d. School/Team Identification
   e. Size

2. Professionalism & Explanation of Objectives (24 points total)
   a. Objectives
   b. Main Points and Summary
   c. Professional and Interpersonal Behavior

3. Design and Engineering (36 points total)
   a. Design Explanation
   b. Design Engineering Concepts Explanation
   c. Question and Answer
Guidelines and Considerations:

1. Appearance

The judges will look at the overall appearance of your poster. Read through the rubric and be sure you include required information such as school/team info and pay attention to neatness, balance and flow.

2. Professionalism & Explanation of Objectives

Objectives - Be sure to explain the team’s objectives. They may be as simple as successfully competing in the Seacoast SeaPerch challenge or as detailed and giving explanations of each task you plan to complete such as the Heist, obstacle course or even mapping milfoil in a local lake.

Main Points and Summary - At some point in your presentation, be sure to list and summarize the significant parts of your building and learning experience. These might include goals met or not met, challenges and problems you ran into, solutions to your problems. As long as you meet the other poster/presentation criteria this should not be a problem.

Professional Interpersonal Behavior - During the competition and your presentation all team members will be evaluated on their professionalism. This includes how they interact and treat others including teammates, coaches, other teams, judges and officials. Check the rubric for other areas of professionalism that will be noted.

3. Design and Engineering

Design Explanation - Explain the design of your SeaPerch. Describe and explain design modifications of your SeaPerch. Even if you built a basic SeaPerch with no modifications, explain how the basic SeaPerch design affects its performance. Consider frame shape, position of the thrusters, buoyancy etc. If you did not make modifications, you might discuss possible future modifications that could help it perform better in a specific task such as the Obstacle Course or the Heist.

Design Engineering Concepts and Explanation - Expand on the above section by highlighting specific details of how you addressed design features. Talk about the building process. What problems did you run into and how did you solve them? How did you deal with buoyancy, picking up objects, opening a latch etc.?

Question and Answer - Students should be prepared to answer questions about their SeaPerches and the building/learning process they went through.