



**Analysis Questions:**

1. Of the designs demonstrated, which was the most successful and why?
2. Would you consider some non-target species more important to protect than others? Why or why not?
3. Describe the limitations that real engineers would consider in their development of a net that reduced bycatch.
4. Describe roadblocks to the implementation of a new standard in fishing nets that would reduce bycatch.
5. Name three species that are susceptible to bycatch.
6. What is the Magnuson-Stevens Fishery Conservation and Management Act and how does it relate to this activity?
7. What is the difference between Maximum Sustainable Yield and Optimal Yield?
8. How does the harvesting of fish at Maximum Sustainable Yield and Optimal Yield influence long-term populations of those species?