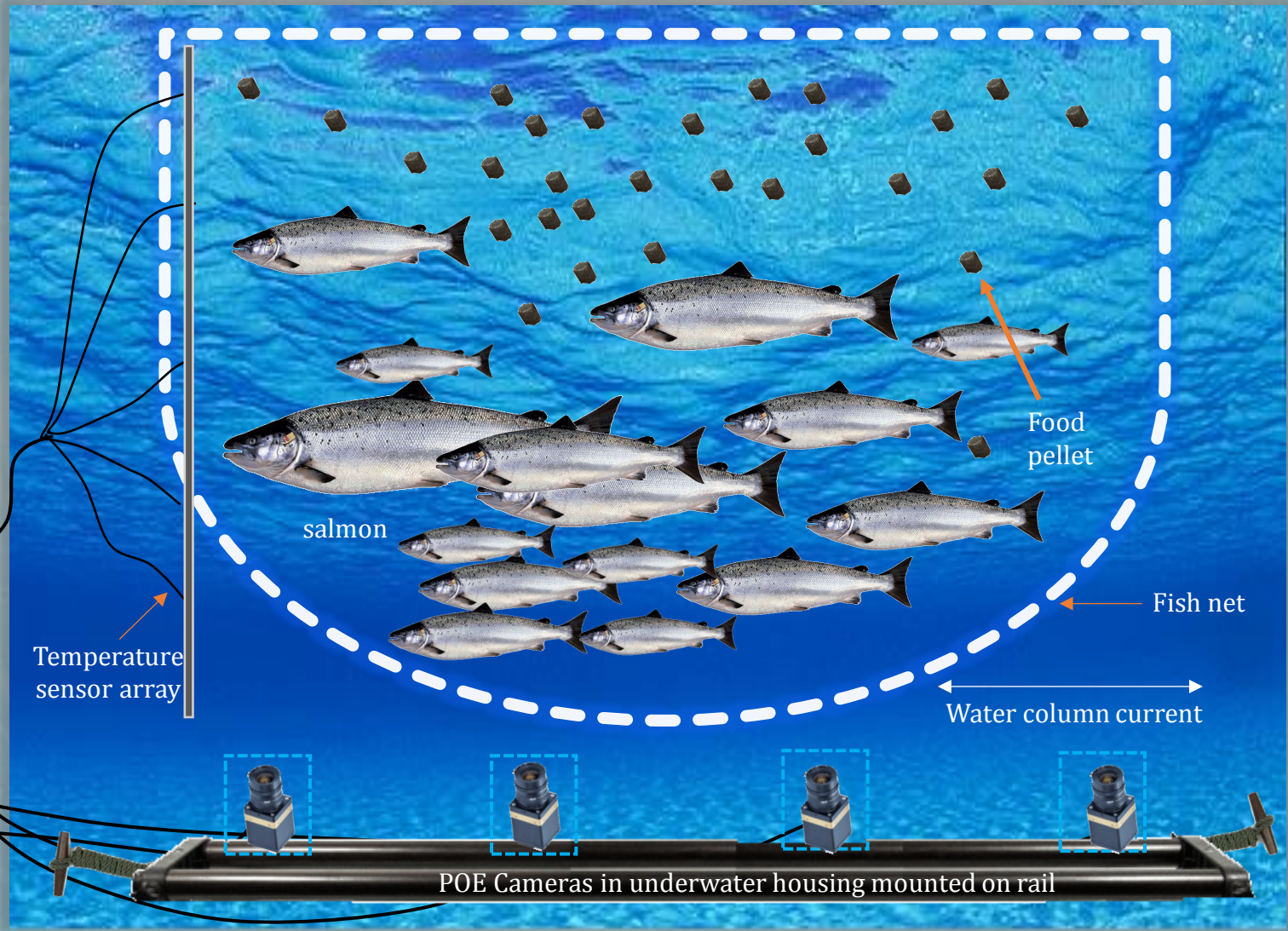


Salmon Farm



DVR Recorder

GigE cables



Four POE cameras pointed upward, with lighting connected by GigE cables to a DVR recorder and computer using custom software were used in salmon farming analysis. We were able to measure various factors such as the temperature, velocity, and direction of water currents. Additionally, blob analysis of the size of the salmon was able to be conducted to find optimal harvest times. The cameras and software setup also allowed for maximization of salmon feeding by preventing food waste.