**2016 AFMS Code-a-thon**

**Statement of objective**

**Team: Cold Brews**

**Mike Peacock, Kevin Wainwright, Eric Mauger and John Duong**

**Topic 3:** Track Wildlife migrations in the Arctic region and build predictions based on hazardous areas (e.g. oil spill, ice, fires)

We are going to develop a platform independent application that will track and display marine based wildlife migrations, regional hazards and as a stretch goal AIS vessels within the Arctic region. A prediction capability that identifies intercepts between the wildlife and hazard locations will be developed to visualize the areas of concern. Notifications will be presented to the operator as well. The app will notify the proper authorities to provide corrective measures.