

Name(s): _____ Date: _____

WORKSHEET:

WHAT HAS MY FLOAT BEEN UP TO LATELY?

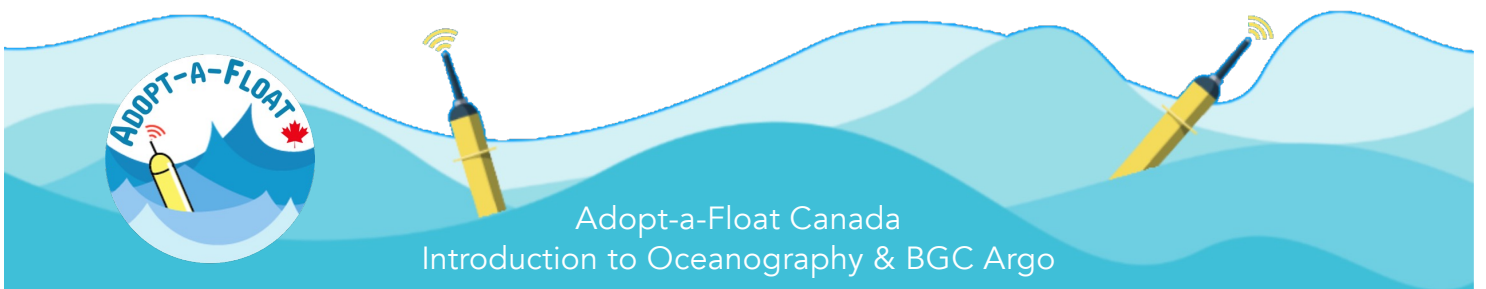
Instructions: Watch the short video on the Adopt-a-Float Data Explorer page (sites.google.com/view/adopt-a-float-ca/data-explorer) to learn how you can check a float's most recent location and data. Find your float's location on the interactive map (dataselection.euro-argo.eu/), and then explore the data it has collected. Then, do some research on the ocean conditions encountered by your float by filling in the worksheet below.

1. Float ID (WMO #) and Name: _____

2. Date when my float last surfaced and transmitted data:

3. Location when my float last surfaced and transmitted data (latitude and longitude):

_____°N/°S, _____°E/°W



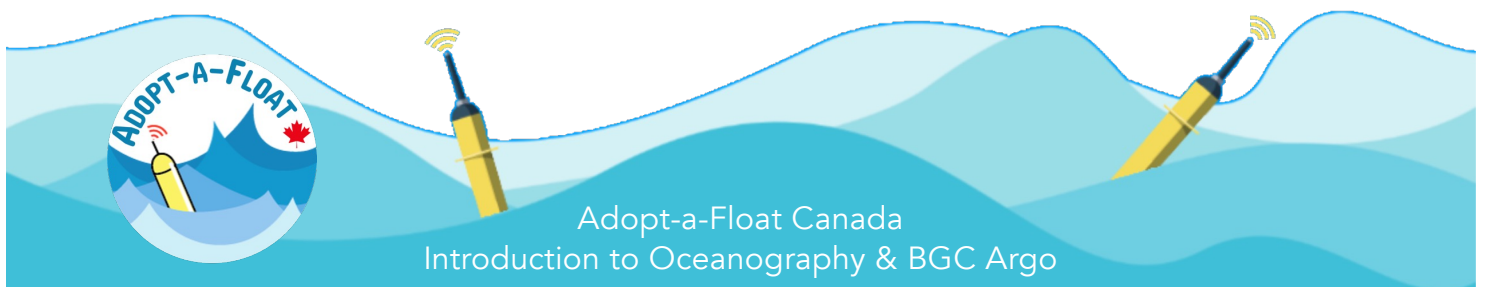
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4a. What ocean basin is your float located in?

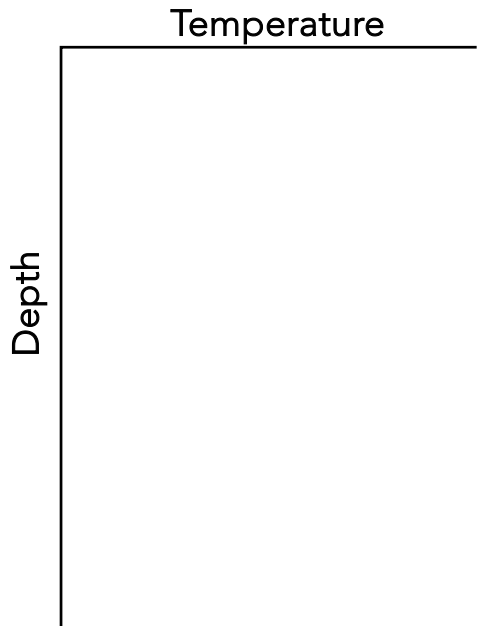
4b. Is your float currently in a marginal sea? Which one?

5. Pick two dates when your float recorded data. Using two different coloured pens/pencils/crayons, draw the temperature and oxygen profiles recorded by the floats on those days. Describe what you see and explain why you think the measurements differ between the first and second dates (hint: you'll learn more about how/why the data differ in future lessons!)



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Date & Location 1:

Date & Location 2:

Describe the profiles and why you think they differ:

