

This is my second review of the manuscript by Osińska et al., after author's integration of a first round of reviewer comments. The authors have addressed reviewer feedback, integrating new detail regarding data and its processing that strengthen the manuscript as a whole. The dataset presents a valuable contribution. I've included some minor grammatical comments below, but otherwise deem the manuscript ready for publication.

L45: The dataset as a whole was split into three different zones within the AB, identified based on distinct seawater properties and proximity to both glacial fronts and the mouth of the bay (i.e. proximity to open ocean source waters). These include:

Table 1 caption: ... were influenced by a number of glaciers in their vicinity

L78: Due to proximity to glaciers as well as harsh Antarctic weather, ...

L90: Some hydrographic properties are derived from direct sensor measurements (e.g., turbidity from light scatter)...

L107: Often, waves and surface currents...

L117: Great additional detail

Figure 5: Great addition for summary of profiles