

## **# 2 Point-to-point response of: “Edisto Inlet as a sentinel for the Late Holocene environmental changes over the Ross Sea: insights from foraminifera turnover events”**

Dear Editor,

We would like to thank you for acknowledging the importance of this work and for the time invested in the correction and evaluation of the manuscript.

We accepted every grammatical correction and highlighted them in the tracked change version of the manuscript.

You also suggested to:

- 1) Explicitly write what the HLF17-01 is, and to provide a brief overview of what the biomarker IPSO<sub>25</sub> is. For the HLF17-01, we added that it is a “marine sediment core”. For what it concerns the biomarker, we moved the part of the introduction where it was briefly explained after the first mention of this biogeochemical proxy, as you suggested.
- 2) For the presence of the wrong ages, we changed it as interval, to better reflect the fact that these are phases and not punctual event. These intervals are still defined in the references associated with the statement.
- 3) In the method section, you suggested to add a part where it is briefly explained why the age-depth model of Di Roberto et al., (2023) was used. We added the following sentence, hoping that satisfy your request: “*After a comprehensive reassessment of the age-depth model previously published by Di Roberto et al., (2023), we decided to employ the same model, given its robustness with respect to the application of different radiocarbon calibration curves and different marine reservoir ages (More information in the Supplementary Material)*”.