Interactive comment on “Deglacial to postglacial history of Nares Strait, Northwest Greenland: a marine perspective” by Eleanor Georgiadis et al.

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Dear referee 1,

Thank you again for your review of our work. Please find attached our point-by-point response to you comments relevant to our initial manuscript, and the revised version of this manuscript following you comments and those of referee 2.

Yours sincerely,

On behalf of all co-authors, Eleanor Georgiadis

Please also note the supplement to this comment:

C1
Deglacial to postglacial history of Nares Strait, Northwest Greenland: a marine perspective from Kane Basin

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Abstract. A radionuclide dated marine sediment core retrieved in Kane Basin, central Nares Strait, was analysed to constrain the timing of the postglacial opening of the Arctic gateway and its Holocene evolution. This study is based on a set of sedimentological and palynological proxies of changing sedimentary processes and on various XRF and XRD geochemical record.

Fig. 1. Reply to referee1

Fig. 2. Revised manuscript