

## Response to the Comments of Editor

I am happy to accept your manuscript to be published in TC. Thank you for your contribution and congratulations.

Before final publication. Please consider adding one vertical bar line or a visible mark on Fig1d to indicate which day the ice sample was collected.

### **Response:**

We appreciate all the earnest work made by editor Bin Cheng and thank for his time and consideration.

As for the technical correction proposed by the editor, we have given a visible mark with corresponding explanation in the figure (please see below). The information of sampling date (24 November 2019, UTC) has also been added in the text, please see L76–77.

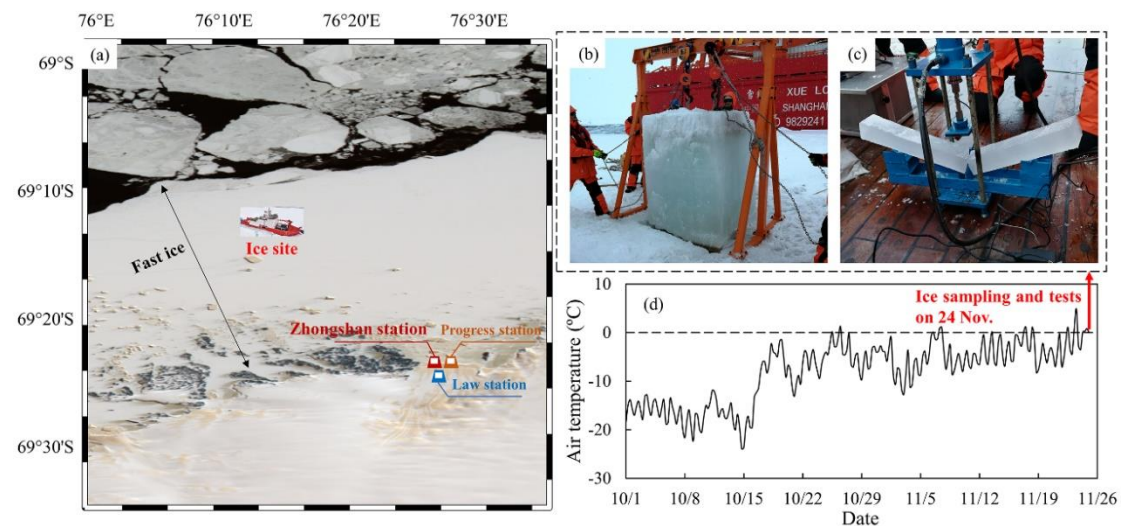


Figure The revised Fig. 1