

**Response to reviewer comments for manuscript number: acp-2019-1052**

Dear Dr. Engel,

Thank you for the final comments and for accepting the manuscript. We have now added a brief about the wind measurements and made the second change as you have suggested below

Best wishes,

Anoop

-----

there are two small remaining issues:

1.: Rev. #1 suggested adding some details on the measurements. Please consider this suggestion.

A brief on the wind measurements have been added as:

During the three expeditions, meteorological parameters of ocean and atmosphere were measured using an on-board automatic weather station (WeatherPak®-2000 v3), which is specially built for shipboard observations and manual observation techniques. The WeatherPak system was installed in the front of the ship, with the sensors approximately 10 m from the sea surface. The weather system is equipped with a GPS system for measuring the true wind speed and direction along with the apparent data. The SST and salinity were measured manually through bucket sampling.

2.: In the short paragraph added to discuss the use of 1 hourly averaged winds, I believe that the "would" in the second sentence should be replaced by "will".

Changed.

best regards,

Andreas Engel