

Interactive comment on “Autonomous underwater vehicle based marine multi-component self-potential method: observation scheme and navigational correction” by Zhongmin Zhu et al.

Anonymous Referee #2

Received and published: 27 October 2020

A marine self-potential investigation system based on AUV was introduced for the measurement of seafloor self-potential. And the system was tested in a lake with artificial SP source. The manuscript could be published in the journal after minor revision.

1. It is suggested to provided more details, such as the spectrum analysis method and other parameters, about how the frequency spectrum (Figure 4) of the electric field time series obtained. 2. The relationship between the spectrum of electric field and the propeller speed (Figure 4a) should be analyzed in more detail.

Interactive comment on Geosci. Instrum. Method. Data Syst. Discuss.,
https://doi.org/10.5194/gi-2020-24, 2020.