Vladimir Karaev

Community comment on "Wind waves in the North Atlantic from ship navigational radar: SeaVision development and its validation with the Spotter wave buoy and WaveWatch III" by Natalia Tilinina et al., Earth Syst. Sci. Data Discuss., https://doi.org/10.5194/essd-2021-431-CC2, 2022

Paper gives useful information about retrieval of sea waves parameters using a ship navigational radar.

Some questions.

1) About formula (1)

These coefficients (A and B) are unique properties of each radar and constant or it is necessary to do a calculation of coefficients for every experiment? Which physical background for such approximation? Please, give more information.

2) Fig. 5 and Fig. 6

It is interesting to see a result of comparison for each cruise separately. Is there a difference?

3) Fig. 4.

It is no enough for comparison. Is it possible to compare the wave spectrums (radar, buoy and WWIII)?