

Dear Sir,

Thanks for the extensive and constructive review of our manuscript. We've considered all the general and specific comments throughout the text. We hope that it corresponds to the full extension of the review and minors the less positive aspects of our manuscript. It was a pleasure noticing that the revision was not only profound but also improved scientifically its content.

The major points introduced in the new manuscript are the following:

- We changed the title;
- We changed all the spectrograms in the manuscript and also in the supplement. Now all of them are with the same colour scale and the amplitude units are in $\text{m}^2/\text{s}^4/\text{Hz}$ or dB.
- We add a new figure showing the bottom currents and the OBSs which manifest harmonic tremors and tilt noise.
- We add a new point with the description of the tides and currents in SW Iberia (2. Bottom currents)
- We add the discussion of the natural frequency of OBS-sediment coupling resonance and referred to the different seismometers used.
- We add a clear description of the work of Voet et al. (2020).
- We add a new point (5. Discussion) where we explain our understanding of the subject.
- We clarify all terms that were not clear.
- We change the network from NT to 9H in all different figures.
- We mention the hydrophones for the discussion. Now the majority of spectrograms are from the horizontal components. We show the vertical component in the supplement.