

REVISION OF ESSD-2022-344-R1

In this version of the manuscript, the authors have taken into account all the changes suggested in the previous revision. The title of the paper has been changed, and the data uploaded to the SEANOE platform has been revised.

Here are some comments:

INTRODUCTION

Could you add some information in Fig.1 about the locations that you mention in the text? It's just to have an idea about the available drifters in every place.

THE DRIFTERS

Tracks 1998-1999

Line 95: It is necessary to add information about the location of the Company? You do not give such information to others.

Tracks 2015-2022: coastal and offshore Nomad drifters

Line 169: you mention that LCFs are provided with a temperature sensor, but you do not give the temperature information in the NetCF. Why? If you do not put this information I'll mention it in the text because, in my opinion, it's a bit confusing for the readers. They could think that they could use temperature information for those drifters.

Line 182: you could mention other studies where Southtek drifters have also been employed:

Sala I., Bolado-Penagos M., Bartual A., Bruno M., García C.M., López-Urrutia A., González-García C. and F. Echevarría (2022). A Lagrangian approach to the Atlantic Jet entering the Mediterranean Sea: Physical and biogeochemical characterization. *Journal of Marine Systems*. 2022, 226, doi: 10.1016/j.jmarsys.2021.103652

Bolado-Penagos M., González C. J., Chioua J., Sala I., Gomiz-Pascual J.J., Vázquez A. and M. Bruno (2020). Submesoscale processes in the coastal margins of the Strait of Gibraltar. The Trafalgar – Alboran connection. *Progress in Oceanography*, 2020, 118, 102219 DOI: 10.1016/j.pcean.2019.102219

THE DRIFTERS

Line 199: you have mentioned the other figures in the text as: "Fig.", so please, write Fig. 3 similarly.

Line 262: same comment for Fig. 5.

DATA AVAILABILITY

Line 274: add "s" to "in the first meters".